

15 February 2012

ASX: AOH, FSE: A2O

RESULTS OF XSTRATA EXPLORATION AT ROSEBY IN 2011

Emerging copper producer, Altona Mining Limited ("Altona") (ASX: AOH) today announced that Mount Isa Mines Limited ("Xstrata") has reported the results of its 2011 exploration programme at Altona's 100% owned Roseby project near Mt Isa in Queensland.

The program consisted of 3,006.4m of reverse circulation (RC) and 1,950.6m of diamond drilling in 20 drill holes. Xstrata also completed various soil sampling, geological mapping and geophysical survey programmes.

Highlights are:

62m at 0.62% copper
19m at 0.70% copper
21m at 1.0% copper
12m at 1.0% copper

The Xstrata exploration programme was carried out under an option and earn in agreement with Altona. The Roseby copper project is 100% owned by Altona.

Under the agreement dated 11 March 2005, Xstrata may earn 51% of an area beneath and around the large copper resources at Roseby by (a) expending A\$15 million or (b) expending A\$10 million and completing a Detailed Feasibility Study by 30 June 2012. Xstrata have advised their expenditure to 31 December 2011 is \$9.12 million.

Should Xstrata earn a 51% interest in this area then it is compelled to purchase 51% of the balance of the Roseby Project (copper resources, reserves and exploration tenure) for an agreed price or a fair market value determined by an independent expert. Xstrata also separately have an option until 30 June 2012 to purchase 51% of the balance of the Roseby Project for an agreed price or an expert valuer determined fair market value.

Drilling completed by the end of November addressed five targets shown in Figure 1 and comprised:

- Green Hills: 6 RC holes total of 896m
- Great Southern: 2 holes (RC + diamond drilling tails) total of 635.8m (403.8m RC and 232m diamond drilling)
- Longamundi: 2 holes (RC + diamond drilling tails) total of 792.6m (169.6m RC and 623m diamond drilling)
- Airport: 8 holes (RC and diamond drilling tails) total of 2,150.6m (1,055m RC and 1,095.6m diamond drilling)
- Legend Extended: 2 RC holes (LEX001 and LEX002) total of 482m



Green Hills

All six holes intersected mineralisation. The holes intersected oxide, transitional and sulphide mineralisation. The highlight was intersected in hole GHX002: **62m @ 0.62% Cu and 0.01 g/t Au** from surface including **12m @ 1.0% Cu from surface**.

Great Southern

Both holes intersected sulphide mineralisation visually very similar to the Longamundi and Blackard deposits. The best individual interval was **19m @ 0.7% Cu and 0.02 g/t Au from 198m**. Results for diamond trails are pending.

Longamundi

Both holes drilled at Longamundi intersected sulphide mineralisation up to 50m down hole. One high grade interval was intersected in hole LNX001: **21m @ 1.0% Cu and 0.02 g/t Au**.

In addition one 2m interval of 0.29% uranium has been reported in hole LNX002 from 234m and 5m of elevated single gold grades of 0.24 g/t from 215m.

Airport

Drilling has identified brecciated red-rock and magnetite altered and brecciated calc-silicates with variable chalcopyrite mineralisation. Three holes intersected wide zones of mineralisation. Best results were returned from hole APX005 : **48m @ 0.43% Cu and 0.05 g/t Au** from 80m including: **12m @ 1.0% Cu, 0.1 g/t Au and 1.65 g/t Ag**.

In addition to drilling Xstrata completed a down-hole an EM survey at Airport two holes were surveyed and no significant off-hole conductors were detected.

Legend Extended

Two RC holes were targeted for potential Dugald River style Zn-Pb-Ag mineralisation. Both holes intersected strongly pyritic black shales with minor arsenopyrite and sphalerite. Best interval was intersected in hole LEX002: **14m @ 1.0% Zn, 0.45% Pb and 1.1 g/t Ag**.

All results are detailed in full in the attached table.

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Competent Persons Statement

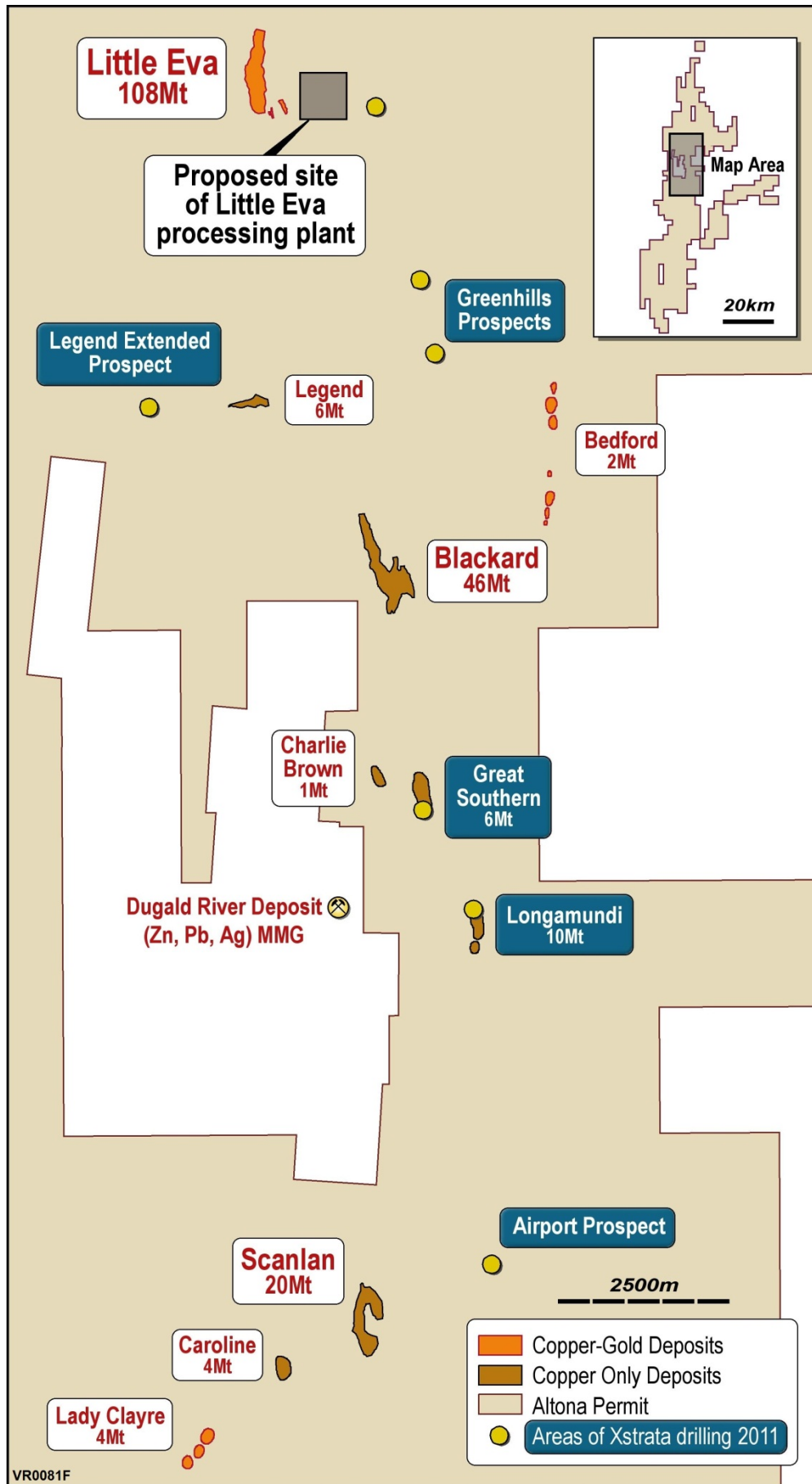
The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled and reviewed by Dr Alistair Cowden BSc (Hons), PhD, MAusIMM, MAIG and Mr Jani Impola, MSc, MAusIMM who are full time employees of the Company and have sufficient experience 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'. Messer's Cowden and Impola consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Table 1: Xstrata Drilling Intersections 2011

Deposit	Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)
Green Hills	GHX001	10	54	0.15	0.01
	Including	54	6	0.54	0.08
Green Hills	GHX002	0	62	0.62	0.01
	Including	0	12	1.00	0.28
Green Hills	GHX003	12	70	0.46	0.16
	Including	22	14	0.62	0.06
		50	24	0.63	-
Green Hills	GHX004	2	28	0.41	-
	Including	16	14	0.67	-
Green Hills	GHX005	36	44	0.34	0.15
	Including	58	20	0.60	0.15
Green Hills	GHX006	16	4	0.11	-
		52	6	0.14	-
Great Southern	GSX001	152	65	0.20	0.02
	Including	170	4	2.00	0.01
		198	19	0.70	0.02
Great Southern	GSX002	164	18	0.10	0.17
Longumundi	LNX001	258	49	0.55	0.18
	Including	258	5	0.65	0.03
		282	21	1.00	0.02
		302	3	0.31	0.12
Longumundi	LNX002	215	5	-	2.41
		247	2	-	1.41
		265	36	0.53	0.16
	including	265	27	0.61	0.18
		297	1	1.39	0.61
Airport	APX001	73	1	0.47	0.10
		143	1	0.41	0.79
Airport	APX002	304	1	0.80	0.49
Airport	APX003		No significant assays		
Airport	APX004		No significant assays		
Airport	APX005	80	48	0.43	0.05
	including	98	12	1.00	0.10
		122	6	0.66	0.11
Airport	APX006	94	58	0.17	0.36
	including	112	10	0.40	0.84
		144	8	0.30	0.51
Airport	APX007	0	146	0.20	0.47
	including	2	6	0.56	1.15
		32	2	0.31	0.09
		58	4	0.30	0.92
		80	20	0.62	0.13
		118	6	0.43	1.17
		132	2	0.50	1.21
Airport	APX008		No significant assays		
Legend	LEX001		No significant assays		
Legend	LEX002	42	148	0.20	0.10
	including	42	4	0.47	0.29
		54	6	0.38	-
		66	14	1.00	0.45
		100	2	0.97	0.47
		166	4	0.53	0.34

Table 2: Xstrata Roseby Seep Project 2011 Drill Hole Collars

Deposit	HoleID	Easting	Northing	Dip	Azimuth	Final Depth (m)
Airport	APX001	414600	7754650	-59.4	272.3	407.5
Airport	APX002	414605	7754500	-59.0	264.1	400.9
Airport	APX003	414615	7755001	-70.6	261.1	389.2
Airport	APX004	414297	7754943	-70.1	265.7	127.0
Airport	APX005	414455	7754795	-62.1	246.7	205.0
Airport	APX006	414501	7754795	-60.2	257.0	211.0
Airport	APX007	414474	7754630	-61.2	264.9	199.0
Airport	APX008	414461	7754978	-59.4	256.0	211.0
Green Hills	GHX001	413382	7768205	-53.3	279.5	144.0
Green Hills	GHX002	412274	7771217	-57.0	263.1	144.0
Green Hills	GHX003	412300	7771216	-53.7	265.8	156.0
Green Hills	GHX004	413090	7769400	-66.4	283.5	121.0
Green Hills	GHX005	413110	7769395	-65.2	287.8	163.0
Green Hills	GHX006	413410	7768205	-56.4	270.6	168.0
Great Southern	GSX001	413100	7762000	-68.3	255.8	322.4
Great Southern	GSX002	413150	7761800	-62.6	256.3	313.4
Legend Extended	LEX001	408560	7767450	-69.1	122.8	253.0
Legend Extended	LEX002	408700	7767750	-69.2	134.2	229.0
Longamundi	LNX001	413950	7760050	-64.3	259.4	392.3
Longamundi	LNX002	413930	7759830	-65.5	271.2	400.3
Total						4,957.0



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Figure 1: Xstrata Roseby Seep Project 2011 Drilling Locations

Table 3: 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
COPPER-GOLD DEPOSITS														
Little Eva	108.0	0.52	0.09	564,000	305,000	36.2	0.63	0.08	32.6	0.48	0.08	39.2	0.46	0.10
Ivy Ann	4.0	0.72	0.12	29,000	15,000							4.0	0.72	0.12
Lady Clayre	3.7	0.88	0.51	33,000	61,000							3.7	0.88	0.51
Bedford	1.8	0.93	0.24	16,000	14,000							1.8	0.93	0.24
Sub-total	117.5.2	0.54	0.11	642,000	395,000	36.2	0.63	0.08	32.6	0.48	0.08	48.7	0.53	0.14
COPPER ONLY DEPOSITS														
Blackard	46.3	0.63		291,000		26.3	0.64		17.9	0.63		2.1	0.58	
Scanlan	19.6	0.68		133,000					15.4	0.65		4.2	0.80	
Longamundi	10.4	0.66		69,000								10.4	0.66	
Legend	6.1	0.60		37,000								6.1	0.60	
Great Southern	6.0	0.61		37,000								6.0	0.61	
Caroline	3.6	0.53		19,000								3.6	0.53	
Charlie Brown	0.7	0.40		3,000								0.7	0.40	
Sub-total	92.7	0.64		589,000		26.3	0.64		33.2	0.63		33.2	0.63	
TOTAL	210.2	0.59	0.06	1,231,000	395,000	62.5	0.63	0.05	65.8	0.56	0.04	81.9	0.57	0.08

See ASX release of 26 July 2011 for full details of resource estimation methodology and attributions.

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

Little Eva is reported above a 0.2% copper lower cut-off grade, all other deposits are above 0.3% lower cut-off grade.