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# ASX ANNOUNCEMENT

# DEEP DRILLING AT LOS CALATOS CONFIRMS CLASSIC MAJOR PORPHYRY SYSTEM

Metminco is pleased to announce that ongoing drilling at the Company's flagship asset, the Los Calatos Project in southern Peru (Figure 1), has confirmed that the project incorporates a classic (major) porphyry system. Significant intersections since the March 2011 quarterly report include:

CD 27 : 798 metres @ 0.50% Cu and 288ppm Mo<sup>1</sup>

Including 406 metres @ 0.65% Cu and 442ppm Mo

CD 31 : 1,340 metres @ 0.64% Cu and 360ppm Mo<sup>1</sup>

Including 255 metres @ 1.68% Cu and 310ppm Mo

(<sup>1</sup> = further assay results awaited)

## Los Calatos Project

The current drilling program at Los Calatos is specifically designed to provide detailed information on the extent of the alteration system at Los Calatos, as well as the width and depth potential of the mineralisation associated with the porphyry system.

To date 10 drill holes totalling approximately 13,000 metres have been, or are close to being, completed as part of the current 50,000 metre Phase 3 drill program (Table 1). In order to test the full extent of the porphyry system evident at Los Calatos, drilling has been undertaken to depths of some 2,000 metres. Four drill rigs are currently operating at Los Calatos, with a further drill rig expected to be operational by mid Q3 2011.

The main area of interest at Los Calatos is defined by the "LIX capping" (Figure 2), which correlates with the underlying, near vertical, porphyry zone, that is developed to depths in excess of 2,000 metres.

The block model used in the estimation of the Mineral Resource announced in July 2010 included drill holes to a vertical depth of 1,100 metres, and a width of mineralisation of up to 500 metres. However, recent drill results indicate that significant intercepts of mineralisation have been encountered at a vertical depth of 1,700 metres, while the width of mineralisation within the porphyry zone increases from 700 metres at surface to approximately 1,000 metres at a vertical depth of 1,500 metres in the central part of the porphyry system (Figure 3).

Drilling into the diatreme, as outlined in green in Figure 2, has revealed that this part of the system is mineralised, but with lower molybdenum grades than that of the porphyry zone, as demonstrated in drill holes CD 28 and CD 30. This is also true for the porphyry in the northwest, where the "LIX capping" is narrow and less well developed (as is evident in drill hole CD 29).

The Company will now focus on completing drill holes 1 to 15 (23,000 metres of drilling), as indicated in Figure 2, to test the full strike length of the "LIX capping".

On completion of these drill holes the Company expects to be in a position to commence an in-fill drill program of the mineralised system with a view to completing an updated Mineral Resource estimate for Los Calatos by the end of 2012. The Company will then commission a pre-feasibility study on the project.

## **Chilean Projects**

In Chile, Metminco has commissioned the company, Major Drilling, to conduct a drilling program comprising 16,000 metres of RC drilling and 12,000 metres of diamond drilling at the Mollacas, Vallecillo and Camaron projects. This drill program is expected to be completed by the end of 2011. The drilling at Vallecillo and Camaron will be preceded by IP and ground magnetic geophysical surveys to help refine drill targets.



Figure 1: Los Calatos Project: Location of Los Calatos licences in southern Peru.

**Figure 2:** Los Calatos Project: Surface geological plan of the main porphyry zone or "LIX capping" zone and planned drill holes.



**Figure 3:** Los Calatos Project: Section 10,300W showing the porphyry zone, alteration halo, and drill holes with associated assay data.



 Table 1: Los Calatos Project: Phase 3 drill hole assay data.

Hole ID	Easting	Northing	RL	Azimuth true	Dip	Hole depth	Depth From	Depth To	Interval	Cu	Мо
	(m)	(m)	(m)	(degree)		(m)	(m)	(m)	(m)	(%)	(ppm)
CD-24	286812	8130982	2964	360	-65	1034.6	26	118	92	0.29	20
							118	265	147	0.24	210
							339	907	568	0.49	649
						includes	542	612	70	1.02	620
							918	943	25	0.49	260
							959	972	13	0.55	130
							978	984	6	0.62	90
						cumulative	851m @ 0.43%Cu and 482ppm Mo				
									1	-	T
CD-25	286715	8130888	2982	360	-60	908.95	75	94	19	0.01	350
							192	617	425	0.52	1360
							628	833	205	0.98	1690
						includes	637	772	136	1.21	2190
						cumulative	6	30m @ 0.67	%Cu and 146	67ppm Mo	
CD-26	286618	8131028	2987	220	-60	1041	94	111	17	0.22	20
					I						
CD27B	287124	8131641	3016	220	-60	1940	770	778	8	0.22	0
							812	826	10	0.16	0
							847	869	22	0.39	70
							877	916	39	0.44	720
							931	1037	106	0.51	670
							1037	1124	87	0.83	560
							1139	1665	526	0.46	154
					1			Drilling	g results awai	ited	1
						cumulative	7	798m @ 0.50	0% Cu and 28	8ppm Mo	

CD-28	287405	8130896	2924	219.9	-60.3	1212	231	274	43	0.20	20
							285	342	57	0.54	60
							370	374	4	0.28	10
							418	434	16	0.2	110
							853	1068	215	0.57	90
						cumulative	335m @ 0.50% Cu and 73ppm Mo				
CD-29	287712	8131257	2924	220	-60	1250	1035	1166	131	0.19	20
CD-30	287207	8130602	2943	220	-60	850	144	177	33	0.43	40
CD-31	286876	8131286	2956	220	-60	1800	16	32	16	0.13	0
							59	314	255	1.68	310
						includes	125	262	137	2.79	520
							328	475	147	0.23	126
							481	944	463	0.31	344
						includes	875	944	69	0.43	1040
							944	1419	475	0.52	512
								Drilling	results awa	ited	
						cumulative	1	,340m @ 0.6	4% Cu and 3	60ppm Mo	
CD-32	287715	8131260	2938	220	-70	1500	1338	1436	98	0.14	10
							1448	1463	15	0.29	30
CD-33	287153	8131250		220	-60	1319	537	782	245	0.40	402
							1082	1095	13	0.25	0
							1204	1319	115	0.35	207

William Howe Managing Director

#### About Metminco:

Metminco is a dual ASX and AIM listed company with a portfolio of copper and gold projects in Peru and Chile. The Los Calatos project located in southern Peru has JORC compliant resources of 926 million tonnes, consisting of Indicated Resources of 111 million tonnes at 0.39% Cu and 380ppm Mo and Inferred Resources of 815 million tonnes at 0.37% Cu and 260ppm Mo (at a 0.2% copper cut-off grade).

The Chilean assets include the Mollacas copper leach project with JORC compliant resources of 17 million tonnes consisting of Indicated Resources of 7.2 million tonnes at 0.56% copper and Inferred Resources of 9.8 million tonnes @ 0.52% copper (at a 0.2% copper cut-off grade); and the Vallecillo gold zinc project with JORC compliant resources of 10.1 million tonnes consisting of Indicated Resources of 7.9 million tonnes @ 1.14g/tAu; 11.4g/tAg; 1.32% Zn; 0.29% Pb and Inferred Resources of 2.2 million tonnes @ 0.78g/t Au; 8.2g/t Ag; 0.58% Zn; 0.26% Pb (at a cut-off grade of 0.3g/t Au).

#### **Competent Persons Statement**

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Colin Sinclair, BSc, MSc, who is a Member of the Australasian Institute of Mining and Metallurgy and is a full-time employee of the Company as General Manager Exploration.

Colin Sinclair has sufficient experience (over 30years) which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is under taking to qualify as a Competent Personas defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results.

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