

Surface to Surface

(Blastholes adjusted)

020014

OCTOBER 1990 MONTH END
MONTH END SURFACE RECONCILIATION
BLASTHOLES VS. F9008 MODEL

		BLASTHOLES	F9008	DIFFERENCE	
HIGH GRADE +6%	Month Total				Model Au g/t
	%Pb	3.58	2.57	1.01	0.144
	%Zn	6.65	5.00	1.64	
	%Comb	10.23	7.58	2.65	Model Ag g/t
	Density t/BCY	2.91	2.57	0.33	23
	Volume BCY	11,834	23,439	(11,605)	
	Total Tonnes	34,399	80,344	(25,945)	
MEDIUM GRADE 5-6%	Month Total				Model Au g/t
	%Pb	2.02	1.69	0.32	0.189
	%Zn	3.92	3.80	0.12	
	%Comb	5.94	5.49	0.44	Model Ag g/t
	Density t/BCY	3.00	2.48	0.52	15
	Volume BCY	28,073	23,996	4,077	
	Total Tonnes	84,323	59,480	24,844	
LOW GRADE 3-5%	Month Total				Model Au g/t
	%Pb	1.17	1.30	-0.13	0.260
	%Zn	2.83	2.79	0.03	
	%Comb	4.00	4.09	-0.10	Model Ag g/t
	Density t/BCY	2.76	2.43	0.33	15
	Volume BCY	22,453	43,441	(20,988)	
	Total Tonnes	62,008	105,479	(43,470)	
REMARKS:		t	Pb+Zn		
TOTAL +5% BLASTHOLES:		118,722	7.18		
TOTAL +5% F9008:		119,824	6.54		
DIFFERENCE, BH vs MODEL:		(1,102)	0.64		

Total +5% ore mined is very close to model predictions, however the total +6% tonnage is much lower than predicted with much higher grades and the 5-6% ore (medium) tonnage is proportionally higher and with higher grades.

This is due to the distribution of blasthole grades, where much of the 8-7.5% ore was flagged out with medium grade dig packets. To selectively separate all of the high grade from the medium grade was not practical without substantially lowering the mill head.

CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON
OCTOBER 1990 MONTH END

H I G H G R A D E (+8%)

	Blast Holes	F9008 INTERPRETATION @ 95% RECOVERY	*	Variance, BH vs F9008
Bench: S 3450				
%Pb	0.00	4.13		-4.13
%Zn	0.00	5.55		-5.55
%Comb	0.00	9.68		-9.68
Density t/BCY	0.00	3.37		-3.37
Volume BCY	0	33		(33)
Tonnes	0	105		(105)
Bench: S 3430				
%Pb	0.00	3.11		-3.11
%Zn	0.00	5.97		-5.97
%Comb	0.00	9.08		-9.08
Density t/BCY	0.00	3.03		-3.03
Volume BCY	0	2,161		(2,161)
Tonnes	0	8,213		(8,213)
Bench: E* 3610				
Tonnes	3.39	2.52		0.87
%Zn	8.84	4.93		1.92
%Comb	10.24	7.45		2.79
Density t/BCY	2.96	2.63		0.32
Volume BCY	5,102	10,312		(5,210)
Tonnes	15,095	25,812		(10,717)
Bench: E* 3590				
%Pb	3.73	2.51		1.22
%Zn	6.49	4.87		1.62
%Comb	10.22	7.38		2.84
Density t/BCY	3.08	2.72		0.36
Volume BCY	6,732	10,770		(4,038)
Tonnes	19,304	27,797		(8,493)
Bench: E* 3570				
%Pb	0.00	1.97		-1.97
%Zn	0.00	4.19		-4.19
%Comb	0.00	6.15		-6.15
Density t/BCY	0.00	2.89		-2.89
Volume BCY	0	164		(164)
Tonnes	0	418		(418)
Month Total				
%Pb	3.58	2.57		1.01
%Zn	6.65	5.00		1.64
%Comb	10.23	7.59		2.65
Density t/BCY	2.91	2.57		0.33
Volume BCY	11,894	23,439		(11,605)
Total Tonnes	34,389	60,344		(25,945)

CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON
OCTOBER 1990 MONTH END

M E D I U M G R A D E (5-8%)

	Blast Holes	F9008 INTERPRETATION @ 95% RECOVERY	#	Variance, BH vs F9008
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Bench: S 3450				
%Pb	0.00	0.00		0.00
%Zn	0.00	0.00		0.00
%Comb	0.00	0.00		0.00
Density t/BCY	0.00	0.00		0.00
Volume BCY	0	0		0
Tonnes	0	0		0

Bench: S 3430				
%Pb	0.00	2.20		-2.20
%Zn	0.00	3.37		-3.37
%Comb	0.00	5.56		-5.56
Density t/BCY	0.00	2.62		-2.62
Volume BCY	0	720		(720)
Tonnes	0	1,798		(1,798)

Bench: E* 3810				
Tonnes	2.01	1.69		0.33
%Zn	3.78	3.67		-0.10
%Comb	5.79	5.56		0.23
Density t/BCY	3.08	2.60		0.46
Volume BCY	22,593	14,339		8,254
Tonnes	69,161	35,416		33,745

Bench: E* 3580				
%Pb	2.04	1.66		0.38
%Zn	4.58	3.72		0.86
%Comb	6.62	5.39		1.24
Density t/BCY	2.77	2.62		0.15
Volume BCY	5,480	8,511		(3,031)
Tonnes	15,162	21,166		(6,004)

Bench: E* 3570				
%Pb	0.00	1.75		-1.75
%Zn	0.00	3.84		-3.84
%Comb	0.00	5.39		-5.39
Density t/BCY	0.00	2.73		-2.73
Volume BCY	0	426		(426)
Tonnes	0	1,102		(1,102)

Month Total				
%Pb	2.02	1.69		0.32
%Zn	3.92	3.80		0.12
%Comb	5.94	5.49		0.44
Density t/BCY	3.00	2.48		0.52
Volume BCY	26,073	23,998		4,077
Total Tonnes	84,923	59,480		24,844
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CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON
OCTOBER 1990 MONTH END

L O W G R A D E (3-5%)

	Blast Holes	F9008 INTERPRETATION @ 95% RECOVERY	Variance, BH vs F9008
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Bench: S 3450		*	
%Pb	0.00	0.00	0.00
%Zn	0.00	0.00	0.00
%Comb	0.00	0.00	0.00
Density t/BCY	0.00	0.00	0.00
Volume BCY	0	0	0
Tonnes	0	0	0

Bench: S 3490			
%Pb	0.00	1.99	-1.99
%Zn	0.00	2.33	-2.33
%Comb	0.00	4.32	-4.32
Density t/BCY	0.00	2.87	-2.87
Volume BCY	0	426	(426)
Tonnes	0	1,159	(1,159)

Bench: E* 3610			
Tonnes	1.18	1.33	-0.15
%Zn	2.84	2.83	0.01
%Comb	4.02	4.16	-0.13
Density t/BCY	2.75	2.60	0.15
Volume BCY	16,977	15,190	1,787
Tonnes	46,642	37,459	9,184

Bench: E* 3590			
%Pb	1.13	1.27	-0.14
%Zn	2.79	2.80	-0.01
%Comb	3.92	4.07	-0.15
Density t/BCY	2.81	2.53	0.28
Volume BCY	5,476	25,960	(20,484)
Tonnes	15,367	32,311	(46,944)

Bench: E* 3570			
%Pb	0.00	1.24	-1.24
%Zn	0.00	2.59	-2.59
%Comb	0.00	3.83	-3.83
Density t/BCY	0.00	2.57	-2.57
Volume BCY	0	1,866	(1,866)
Tonnes	0	4,551	(4,551)

Month Total			
%Pb	1.17	1.30	-0.13
%Zn	2.83	2.79	0.03
%Comb	4.00	4.09	-0.10
Density t/BCY	2.76	2.43	0.33
Volume BCY	22,453	43,441	(20,988)
Total Tonnes	62,009	106,479	(43,470)
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