

## CURRAGH RESOURCES INC.

## GEOLOGY DEPARTMENT

Month End  
October 1989

Production from the Faro pit during October was 414,073 tonnes at a combined head grade of 7.39%. Mill feed ore at +5% was 322,499 tonnes at a combined grade of 8.40%. Production took place on the 3570 and 3550 benches in the S phase.

At the beginning of October a new accounting system for ore was introduced which takes into consideration the various densities of the different ore types. This system should help in reconciling blast hole data with the metallurgical balance and block model forecasts.

Comparisons of blast hole data and the F8908 interpretation were again carried out for the month's production. The results show that the F8908 interpretation over-estimated mill feed ore tonnage by 8.5% and grade by 8.3% for lead and 4.7% for zinc. There was an under-estimation of low grade tonnes of 15.1% with grades higher by 4.7% for lead and 7.8% higher for zinc.

Mill feed consisted of 370,569 tonnes of ore at a combined grade of 8.44% by blast hole assay. The metallurgical balance as reported by the mill was 370,570 tonnes at 8.18%.

The F8908 interpretation shows that there are 13,212,676 tonnes of recoverable ore remaining in the Faro pit at a combined grade of 6.85%. Ore in the +5% grade category is 9,362,402 tonnes with a grade of 7.99%.

Two Geological Technicians, Amy McClelland and Shawn Horte, began work in the Department during October.

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON  
OCTOBER 1989 MONTH END

H I G H G R A D E (+6%)

	Blast Holes	F8908 INTERPRETATION @ 95% RECOVERY
=====		
Bench: S 3570		
%Pb	3.32	3.86
%Zn	5.45	5.95
%Comb	8.77	9.81
Ag (g/t)	45	51
Au (g/t)	n/a	0.305
Tonnes	163,557	185,877
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Bench: S 3550		
%Pb	3.53	3.57
%Zn	5.34	5.19
%Comb	6.87	8.76
Ag (g/t)	40	41
Au (g/t)	n/a	0.197
Tonnes	117,494	105,498
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Bench: S 3590 *		
%Pb	0.00	4.54
%Zn	0.00	6.54
%Comb	0.00	11.08
Ag (g/t)	0	60
Au (g/t)	n/a	0.135
Tonnes	0	6,850
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Bench: S 3530*	N/A	
%Pb	0.00	2.89
%Zn	0.00	4.32
%Comb	0.00	7.21
Ag (g/t)	0	40
Au (g/t)	n/a	0.203
Tonnes	0	5,548
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Bench: others**	N/A	
%Pb	0.00	2.51
%Zn	0.00	4.35
%Comb	0.00	6.86
Ag (g/t)	0	34
Au (g/t)	n/a	0.076
Tonnes	0	17,309
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Month Total		
%Pb	3.41	3.69
%Zn	5.40	5.60
%Comb	6.81	9.29
Ag (g/t)	43	47
Total Tonnes	281,051	321,081
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\* Mined reserves calculated via PCMINE from benches being mined either too high or mined too low or \*\* are non-existent.

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON  
OCTOBER 1989 MONTH END

M E D I U M   G R A D E (5-6%)

	Blast Holes	F8908 INTERPRETATION @ 95% RECOVERY
=====		
BENCH S 3570		
%Pb	2.28	2.36
%Zn	3.44	3.07
%Comb	5.72	5.43
Ag (g/t)	39	39
Au (g/t)	n/a	0.121
Tonnes	20,943	10,925
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Bench: S 3550		
%Pb	2.49	2.60
%Zn	2.94	2.82
%Comb	5.43	5.41
Ag (g/t)	30	35
Au (g/t)	n/a	0.103
Tonnes	20,505	10,916
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Bench: S 3590*		
%Pb	0.00	3.40
%Zn	0.00	2.20
%Comb	0.00	5.61
Ag (g/t)	0	58
Au (g/t)	n/a	0.300
Tonnes	0	475
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Bench: S 3530*		
%Pb	0.00	2.56
%Zn	0.00	3.22
%Comb	0.00	5.78
Ag (g/t)	0	30
Au (g/t)	n/a	0.089
Tonnes	0	1,026
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Bench: others**		
%Pb	0.00	1.87
%Zn	0.00	3.59
%Comb	0.00	5.46
Ag (g/t)	0	33
Au (g/t)	n/a	0.186
Tonnes	0	8,009
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Month Total		
%Pb	2.38	2.34
%Zn	3.23	3.11
%Comb	5.61	5.44
Ag (g/t)	35	36
Total Tonnes	41,448	31,350
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\* Mined reserves calculated via FCMINE from benches being mined either too high or mined too low or \*\* ore non-existent.

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON  
OCTOBER 1989 MONTH END

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

	Blast Holes	FB908 INTERPRETATION @ 95% RECOVERY
=====		
BENCH S 3570		
%Pb	1.94	2.08
%Zn	1.96	1.92
%Comb	3.90	4.00
Ag (g/t)	34	37
Au (g/t)	n/a	0.158
Tonnes	44,406	43,938
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Bench: S 3550		
%Pb	1.83	2.33
%Zn	1.92	1.95
%Comb	3.75	4.28
Ag (g/t)	30	36
Au (g/t)	n/a	0.093
Tonnes	47,168	14,725
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Bench: S 3590*		
%Pb	0.00	1.61
%Zn	0.00	1.93
%Comb	0.00	3.53
Ag (g/t)	0	22
Au (g/t)	n/a	0.121
Tonnes	0	2,898
-----		
Bench: S 3530*		
%Pb	0.00	2.17
%Zn	0.00	2.24
%Comb	0.00	4.41
Ag (g/t)	0	29
Au (g/t)	n/a	0.078
Tonnes	0	1,387
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Bench: other **		
%Pb	0.00	1.45
%Zn	0.00	2.75
%Comb	0.00	4.20
Ag (g/t)	0	30
Au (g/t)	n/a	0.215
Tonnes	0	16,635
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Month Total		
%Pb	1.89	1.98
%Zn	1.94	2.11
%Comb	3.83	4.08
Ag (g/t)	32	34
Au (g/t)	n/a	0.155
Total Tonnes	91,574	79,582
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\* Mined reserves calculated via PCMINE from benches being mined either too high or mined too low or \*\* are non-existent.

Curragh Resources Inc. Geology Department  
 Mill Feed By Blast Hole Assay  
 OCTOBER 1989 MONTH END

	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>Ag g/t</u>
>5% S 3570/3550	322,499	3.28	5.12	8.40	53
4-5% S 3570/3550	91,574	1.89	1.94	3.83	32
	=====	=====	=====	=====	=====
Pit Total	414,073	2.97	4.42	7.39	48
To Lg Stpl	91,574	1.89	1.94	3.83	32
To Cr Stpl					
To B Stpl	281,051	3.41	5.40	8.81	43
To M Stpl	41,448	2.38	3.19	5.57	35
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TOTAL: To Stockpiles	414,073	2.97	4.41	7.38	40
Pit To Mill	0	0.00	0.00	0.00	0
From Cr Sp	0	0.00	0.00	0.00	0
From B Sp	344,779	3.51	5.54	9.05	44
From M Sp	45,807	2.73	2.49	5.22	35
From Lg "A"	18,440	1.97	2.72	4.69	30
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TOTAL PRIMARY FEED	409,026	3.35	5.07	8.42	42
To Coarse Ore S.P.	(51,570)	3.32	5.00	8.32	47
From Coarse Ore S.P.	13,113	3.32	5.00	8.32	45
=====					
SUB-TOTAL MILL FEED	370,569	3.36	5.08	8.44	42
DELTA FOB & COB	0	0.00	0	0.00	0
=====					
TOTAL MILL FEED	370,569	3.36	5.08	8.44	42

Reconciliation

	370,569	3.36	5.08	8.44	42
Met. Bal.	370,570	3.18	5.00	8.18	43
Forecast	387,500	3.34	4.94	8.28	45

% Variance

Blast Hole Calc. vs.					
Met. Bal.	-0.00%	5.56%	1.57%	3.12%	-2.77%
Forecast	-4.37%	0.50%	2.81%	1.88%	-7.09%

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT SUMMARY REPORT  
OCTOBER 1989 MONTH END  
(MILL FEED +5%)

	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
FB908	352,431	3.57	5.38	46	12,588	18,947	16,201
Blast Holes	322,499	3.28	5.12	42	10,566	16,527	13,546

<u>Blast Hole</u>	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
vs:							
FB908	-8.5%	-8.3%	-4.7%	-8.6%	-16.1%	-12.8%	-16.4%

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>Change</u>
<b>BROKEN IN PIT:</b>					
S 3750	113,000	3.32	5.48	35	
<b>HIGH GRADE STOCKPILES:</b>					
COARSE	47,638	3.32	5.00	38	+29003
B	69,080	3.48	5.59	45	(60990)
M	92,796	2.41	3.54	40	(31225)
	=====	=====	=====	=====	
Total Inventory:	209514	2.97	4.55	41	
Broken	113,000	3.32	5.48	35	
Stockpile	209,514	2.97	4.55	41	
	=====	=====	=====	=====	
TOTAL	322,514	3.09	4.67	39	

CURRAGH RESOURCES INC.  
 GEOLOGY DEPARTMENT SUMMARY REPORT  
 OCTOBER 1989 MONTH END  
 (LOW GRADE 3-5%)

	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
FB908	79,582	1.98	2.11	34	1,574	1,675	2,738
Blast Holes	91,574	1.89	1.94	32	1,726	1,777	2,937

<u>Blast Hole</u> vs:	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
FB908	15.1%	-4.7%	-7.8%	-6.8%	9.7%	6.0%	7.3%

INVENTORY

<u>BROKEN IN PIT:</u>	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>Change</u>
<u>LOW GRADE STOCKPILES:</u>					
Lg "A" Stockpile	877,413	1.97	2.73	29	+5576
Lg "C" Stockpile	380,634	1.62	3.04	24	+1224
lg 'LL' Stockpile	66,715	1.85	1.81	31	+66715
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Total Inventory:					
Broken					
Stockpile	1,324,762	1.86	2.77	28	
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TOTAL	1,324,762	1.86	2.77	28	

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT REMAINING RESERVES SUMMARY  
OCTOBER 1989 MONTH END

Grade Category	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/t
3-5%	4,052,920	4.06	1.52	2.54	21
5-6%	1,875,160	5.50	2.02	3.49	26
+6%	7,980,000	8.58	3.14	5.44	33
Total	13,908,080	6.85	2.51	4.33	29
@ 95% recovery	13,212,676	6.85	2.51	4.33	29