

## CURRAGH RESOURCES INC.

## GEOLOGY DEPARTMENT

MONTH END  
JULY 1988

High grade ore mined this month came from two benches in the BZ phase, the 3510 (10%) and the 3490 (90%). Cumulative blast hole calculations of grades are comparable to the F8701a model. With blast hole ore tonnages closest to the diluted F8701a model.

Mill feed was comprised of ore from the B and Coarse Ore Stockpiles (72.5%), and the BZ 3490 and 3510 (27.5%). Blast hole calculated grades are 10% above the actual Mill head grades. This discrepancy is the result of the lead and zinc both being 0.5% off, and may be due to the sampling procedures in both the Mill and Pit.

The variance between the Mill and blast hole tonnages, 18,021 tonnes (6.67%), can be reconciled by the levels of the Coarse and Fine Ore Bins from the beginning to the end of the month.

Curragh Resources Inc. Geology Department  
 Mill Feed By Blast Hole Assay  
 JULY 1988

<u>Phase/S.P.</u>	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>Ag g/t</u>
BZ 3490	236,830	3.56	4.69	8.25	44
BZ 3510	26,035	3.96	5.89	9.85	71
	=====	=====	=====	=====	=====
Pit Total	262,865	3.60	4.81	8.41	47
To Cr Stpl	14,720	3.42	4.24	7.66	35
To Coarse Stpl	0				
To B Stpl	0				
To M Stpl	39,213	2.63	3.37	6.00	31
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TOTAL; To Stockpiles	53,933	2.85	3.61	6.45	32
Pit To Mill	208,932	3.79	5.12	8.91	50
From B Stpl	62,335	4.29	5.63	9.92	60
From M Stpl	0				
Coarse Ore Sp	16,808	3.73	5.11	8.84	52
From Lgr A Sp	0				
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TOTAL MILL FEED	288,075	3.90	5.23	9.13	53

Reconciliation

BZ & Stpl	288,075	3.90	5.23	9.13	53
Met. Bal.	270,054	3.46	4.79	8.25	53
Forecast	293,851	3.43	4.77	8.20	48
Budget	418,500	3.27	4.41	7.68	47

% Variance

Blast Hole Calc. vs.					
Met. Bal.	6.67%	12.65%	9.17%	10.63%	-0.76%
Forecast	-1.97%	13.64%	9.62%	11.30%	9.58%
Budget	-31.16%	19.20%	18.57%	18.84%	12.63%

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT SUMMARY REPORT  
JULY 1988 MONTH END

LOW GRADE

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	96,240	1.87	2.61	27	1,800	2,512	2,598
F8701A Diluted	105,864	1.70	2.37	25	1,800	2,512	2,598
FI Model	44,350	1.79	2.49	30	794	1,104	1,331
FI Diluted	48,785	1.63	2.26	27	794	1,104	1,331
Blast Holes	27,089	2.52	2.30	40	683	623	1,084
Truck Count	37,145						

<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:							
F8701A Model	-71.9%	34.8%	-11.9%	48.1%	-62.1%	-75.2%	-58.3%
F8701A Diluted	-74.4%	48.2%	-3.1%	63.0%	-62.1%	-75.2%	-58.3%
FI Model	-38.9%	40.8%	-7.6%	33.3%	-14.0%	-43.6%	-18.6%
FI Diluted	-44.5%	54.9%	1.6%	46.7%	-14.0%	-43.6%	-18.6%
<u>Truck Count</u>							
vs:							
F8701A Diluted	-64.9%						
FI Diluted	-23.9%						
Blast Holes	37.1%						

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>Change</u>
BROKEN IN PIT:	0				
STOCKPILE A:					
Non-graphitic Ore	481,337	2.03	2.62	28	37,145
STOCKPILE C:					
Graphitic Ore	208,255	1.65	2.96	23	2,275
	=====	=====	=====	=====	
Total Inventory:					
Broken	0				
Stockpile	689,592	1.92	2.72	26	

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON  
JULY 1988 MONTH END

L O W   G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(FI)
=====			
Bench: BZ 3490			
%Pb	2.52	1.99	1.78
%Zn	2.30	2.48	2.48
%Comb	4.82	4.47	4.26
Ag (g/t)	40	30	31
Au (g/t)	n/a	0.311	0.183
Tonnes	27,089	64,490	38,330
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Bench: BZ 3510*			
%Pb	0.00	1.53	1.86
%Zn	0.00	3.03	2.50
%Comb	0.00	4.56	4.36
Ag (g/t)	0	20	25
Au (g/t)	n/a	0.012	0.116
Tonnes	0	24,380	4,890
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Bench: BZ 3470*			
%Pb	0.00	1.87	1.83
%Zn	0.00	2.37	2.67
%Comb	0.00	4.24	4.50
Ag (g/t)	0	26	32
Au (g/t)	n/a	0.212	0.042
Tonnes	0	7,370	1,130
=====			
Month Total			
%Pb	2.52	1.87	1.79
%Zn	2.30	2.61	2.49
%Comb	4.82	4.48	4.28
Ag (g/t)	40	27	30
Total Tonnes	27,089	96,240	44,350
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\* Mined reserves calculated via MINESURVEY from benches being mined either too high (ie. Ore left on the 3510 mined on the 3490), or benches being mined too low (ie. Mining the 3490 bench too low).

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT SUMMARY REPORT  
JULY 1988 MONTH END  
(HIGH GRADE)

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	240,870	3.61	4.82	52	8,695	11,610	12,525
F8701A Diluted	264,957	3.28	4.38	47	8,695	11,610	12,525
FI Model	121,560	3.38	4.53	49	4,109	5,507	5,956
FI Diluted	133,716	3.07	4.12	45	4,109	5,507	5,956
Blast Holes	262,865	3.60	4.81	47	9,463	12,644	12,355
Truck Count	281,989						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
F8701A Model	9.1%	-0.3%	-0.2%	-9.6%	8.8%	8.9%	-1.4%
F8701A Diluted	-0.8%	9.7%	9.8%	-0.6%	8.8%	8.9%	-1.4%
FI Model	116.2%	6.5%	6.2%	-4.1%	130.3%	129.6%	107.4%
FI Diluted	96.6%	17.2%	16.8%	5.5%	130.3%	129.6%	107.4%
Truck Count							
vs:							
F8701A Diluted	6.4%						
FI Diluted	110.9%						
Blast Holes	7.3%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT:				
BZ 3570 BB	265,031	4.32	5.73	55

Change

HIGH GRADE STOCKPILES:

Coarse Ore	3,020	3.73	5.11	52	(16,808)
Crusher	30,055	3.32	4.36	41	14,720
B	210,478	4.02	5.44	60	(62,335)
M	119,140	2.67	3.63	33	39,213
	=====	====	====	====	

Total Inventory:

Broken	265,031	4.32	5.73	55	
Stockpile	362,693	3.52	4.75	49	

CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON  
JULY 1988 MONTH END

H I G H G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(FI)
=====			
Bench: BZ 3490			
%Pb	3.56	3.75	3.41
%Zn	4.69	4.93	4.50
%Comb	8.25	8.69	7.91
Ag (g/t)	44	54	51
Au (g/t)	n/a	0.120	0.167
Tonnes	236,830	209,480	103,630
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Bench: BZ 3510#			
%Pb	3.96	2.67	3.05
%Zn	5.89	4.03	4.48
%Comb	9.85	6.70	7.53
Ag (g/t)	71	37	37
Au (g/t)	n/a	0.062	0.084
Tonnes	26,035	31,390	9,420
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Bench: BZ 3470*		N/A	
%Pb	0.00	0.00	3.38
%Zn	0.00	0.00	4.95
%Comb	0.00	0.00	8.33
Ag (g/t)	0	0	45
Au (g/t)	n/a	0.000	0.106
Tonnes	0	0	8,510
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Month Total			
%Pb	3.60	3.61	3.38
%Zn	4.81	4.82	4.53
%Comb	8.41	8.43	7.91
Ag (g/t)	47	52	49
Total Tonnes	262,865	240,870	121,560
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\* Mined reserves calculated via MINESURVEY from benches being mined either too high (ie. Ore left on the 3510 mined on the 3490), or benches being mined too low (ie. Mining the 3490 bench too low).  
# The 3510 bench ore from blastholes comes from the 3510 E pattern, where as the ore from the models includes this pattern and floor fluctuations explained above.