

## GEOLOGY DEPARTMENT

MONTH END  
MAY 1988

High grade ore mined this month came from two benches in the BZ phase. (the 3510 and 3490). Cumulative blast hole calculations of grades are comparable to both models, with the FI being closest. However, blast hole ore tonnages are best compared to the Diluted F8701a model.

Primary crusher feed was comprised of ore from the B, D, E, Low Grade A and Coarse Ore Stockpiles (41%), and the BZ 3510 and 3490 (59%). Blast hole calculated grades are about 9% above the actual Mill head grades. This may be due to sampling procedures in both the Mill and Pit, which as mentioned last month is being reviewed.

The variance between the Mill and blast hole tonnages (22,056 tonnes) is partially due to the level of the Coarse Ore Bin, (35% full at the beginning of the month and 75% full at month end), which can account for 8,000 tonnes. A further 2,500 tonnes can be accounted for in the Fine Ore Bin levels from the beginning to the end of the month. The remaining 11,056 tonnes (2.8% of the total feed) is a combination of the accuracy of the Mill scales and the use of employing truck counts to account for ore from stockpiles. Also this month truck counts were used to calculate ore removed from the pit, rather than comparing the tonnages and grades calculated from the blast holes, for the daily Crusher Feed Reports due to inaccessibility to a computer.

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

<u>Phase/S.P.</u>	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>Ag g/t</u>
BZ 3510	224,284	3.67	4.79	8.46	51
BZ 3490	254,533	4.03	6.05	10.08	58
	=====	=====	=====	=====	=====
Pit Total	478,817	3.86	5.46	9.32	55
To Cr Stpl	7,780	3.10	4.60	7.70	36
To Coarse Stpl	18,991	3.28	4.57	7.85	47
To B Stpl	134,260	4.45	6.26	10.71	61
To D Stpl	79,355	2.53	3.40	5.93	35
To E Stpl	4,950	5.86	7.84	13.70	86
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TOTAL; To Stockpiles	245,336	3.72	5.18	8.91	51
Pit To Mill	233,481	4.01	5.75	9.76	58
From B Stpl	56,238	4.24	5.24	9.48	63
From D Stpl	22,245	2.96	4.03	6.99	36
From E Stpl	7,110	5.86	7.84	13.70	86
From Lgr A Sp	50,710	1.99	2.63	4.62	27
Coarse Ore Sp	44,645	4.30	5.02	9.32	61
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TOTAL MILL FEED	414,429	3.80	5.16	8.96	55
Reconciliation					
BZ & Stpl	414,429	3.80	5.16	8.96	55
Met. Bal.	392,373	3.49	4.72	8.21	54
Forecast	424,684	3.49	4.76	8.25	51
540 Case Budget	419,000	3.02	4.12	7.14	46

	% Variance				
Blast Hole Calc. vs.					
Met. Bal.	5.62%	8.83%	9.41%	9.16%	1.36%
Forecast	-2.41%	8.83%	8.49%	8.63%	7.32%
Budget	-1.09%	25.77%	25.34%	25.52%	18.99%

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

LOW GRADE

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	46,051	1.71	2.79	24	787	1,285	1,105
F8701A Diluted	50,656	1.55	2.54	22	787	1,285	1,105
FI Model	115,620	1.75	2.70	27	2,023	3,122	3,122
FI Diluted	127,182	1.59	2.45	25	2,023	3,122	3,122
Blast Holes	16,051	1.39	3.19	26	223	512	417
Truck Count	28,510						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
F8701A Model	-65.1%	-18.7%	14.3%	8.3%	-71.7%	-60.1%	-62.2%
F8701A Diluted	-68.3%	-10.6%	25.8%	19.2%	-71.7%	-60.1%	-62.2%
FI Model	-86.1%	-20.6%	18.1%	-3.7%	-89.0%	-83.6%	-86.6%
FI Diluted	-87.4%	-12.6%	30.0%	5.9%	-89.0%	-83.6%	-86.6%
Truck Count							
vs:							
F8701A Diluted	-43.7%						
FI Diluted	-77.6%						
Blast Holes	77.6%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	Change
BROKEN IN PIT:	0				
STOCKPILE A:					
Non-graphitic Ore	468,372	2.00	2.63	27	(30,340)
STOCKPILE C:					
Graphitic Ore	205,980	1.65	2.97	23	0
	=====	=====	=====	=====	
Total Inventory:					
Broken	0				
Stockpile	674,352	1.89	2.73	26	

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

L O W G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(FI)
=====			
Bench: BZ 3510			
%Pb	0.46	1.76	1.83
%Zn	0.81	2.71	2.55
%Comb	1.27	4.47	4.38
Ag (g/t)	10	23	27
Au (g/t)	n/a	0.193	0.119
Tonnes	667	29,780	81,210
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Bench: BZ 3490			
%Pb	1.43	1.59	1.54
%Zn	3.29	3.04	3.07
%Comb	4.72	4.64	4.61
Ag (g/t)	27	26	26
Au (g/t)	n/a	0.060	0.002
Tonnes	15,384	13,460	31,590
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Bench: BZ 3430*			
%Pb	0.00	1.49	1.66
%Zn	0.00	2.98	2.66
%Comb	0.00	4.46	4.32
Ag (g/t)	0	16	23
Au (g/t)	n/a	0.091	0.201
Tonnes	0	111	2,630
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Bench: BZ 3470*			
%Pb	0.00	1.75	1.61
%Zn	0.00	2.50	3.33
%Comb	0.00	4.25	4.94
Ag (g/t)	0	21	26
Au (g/t)	n/a	0.149	0.000
Tonnes	0	2,700	190
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Month Total			
%Pb	1.39	1.71	1.75
%Zn	3.19	2.79	2.70
%Comb	4.58	4.51	4.44
Ag (g/t)	26	24	27
Total Tonnes	16,051	46,051	115,620
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\* Mined reserves calculated via PCSURVEY from benches being mined either too high (ie. Ore left on the 3530 mined on the 3510), or benches being mined too low (ie. Mining the 3490 bench too low).

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

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	420,200	3.97	5.25	59	16,682	22,061	24,792
F8701A Diluted	462,220	3.61	4.77	54	16,682	22,061	24,792
FI Model	298,830	3.99	5.32	62	11,923	15,898	18,527
FI Diluted	328,713	3.63	4.84	56	11,923	15,898	18,527
Blast Holes	478,817	3.86	5.46	55	18,482	26,143	26,335
Truck Count	484,189						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
F8701A Model	13.9%	-2.8%	4.0%	-6.8%	10.8%	18.5%	6.2%
F8701A Diluted	3.6%	7.0%	14.4%	2.5%	10.8%	18.5%	6.2%
FI Model	60.2%	-3.3%	2.6%	-11.3%	55.0%	64.4%	42.1%
FI Diluted	45.7%	6.4%	12.9%	-2.4%	55.0%	64.4%	42.1%
Truck Count							
vs:							
F8701A Diluted	4.8%						
FI Diluted	47.3%						
Blast Holes	1.1%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	
BROKEN IN PIT:					
BZ 3590 AA	2,210	4.16	6.19	42	
BZ 3490 BB	157,525	4.94	6.29	56	
BZ 3490 CC	81,271	3.41	4.25	46	
BZ 3490 DD	18,395	4.30	6.41	57	
					<u>Change</u>
HIGH GRADE STOCKPILES:					
Coarse Ore	3,155	3.60	4.99	52	(25,654)
Crusher	14,885	3.22	4.47	47	7,780
B	312,621	4.12	5.52	70	78,022
D	110,352	2.7	3.75	34	57,110
	=====	=====	=====	=====	
Total Inventory:					
Broken	259,401	3.03	3.87	34	
Stockpile	441,013	3.73	5.04	60	

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

H I G H G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(FI)
=====			
Bench: BZ 3510			
%Pb	3.67	3.80	3.50
%Zn	4.79	4.70	4.73
%Comb	8.46	8.50	8.23
Ag (g/t)	51	57	55
Au (g/t)	n/a	0.198	0.133
Tonnes	224,284	177,700	77,530
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Bench: BZ 3490			
%Pb	4.03	4.12	4.23
%Zn	6.05	5.71	5.60
%Comb	10.08	9.83	9.83
Ag (g/t)	58	61	66
Au (g/t)	n/a	0.410	0.012
Tonnes	254,533	228,220	210,460
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Bench: BZ 3530*			
%Pb	0.00	3.66	3.10
%Zn	0.00	4.60	4.43
%Comb	0.00	8.26	7.52
Ag (g/t)	0	54	48
Au (g/t)	n/a	0.170	0.196
Tonnes	0	12,680	8,350
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Bench: BZ 3470*			
%Pb	0.00	3.56	1.91
%Zn	0.00	4.65	3.49
%Comb	0.00	8.22	5.40
Ag (g/t)	0	68	25
Au (g/t)	n/a	0.026	0.006
Tonnes	0	1,600	2,490
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Month Total			
%Pb	3.86	3.97	3.99
%Zn	5.46	5.25	5.32
%Comb	9.32	9.21	9.31
Ag (g/t)	55	59	62
Total Tonnes	478,817	420,200	298,830
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\* Mined reserves calculated via PCSURVEY from benches being mined either too high (ie. Ore left on the 3530 mined on the 3510), or benches being mined too low (ie. Mining the 3490 bench too low).