

## CURRAGH RESOURCES INC.

## GEOLOGY DEPARTMENT

MONTH END  
JUNE 1988

High grade ore mined this month came from two blast patterns on the 3490 bench in the BZ phase. Cumulative blast hole calculations of grades are comparable to the FI model. With blast hole ore tonnages closest to the F8701a model.

Mill feed was comprised of ore from the B, M, Low Grade A and Coarse Ore Stockpiles (68.5%), and the BZ 3490 (32.5%). Blast hole calculated grades are less than 8% above the actual Mill head grades. This discrepancy may be due to the sampling procedures in both the Mill and Pit, (which was mentioned last month and, since very little was mined this month due to the strike, would still be valid this month).

The variance between the Mill and blast hole tonnages (22,181 tonnes) is partially due to the level of the Coarse Ore Bin, (40% full at the beginning of the month and 95% full at month end), which can account for 10,000 tonnes. A further 6,240 tonnes can be accounted for in the Fine Ore Bins, (the five bins together were 96% full at month end compared to 44% at the beginning). The remaining 5,941 tonnes (2.6% of the total feed) is a combination of the accuracy of the Mill scales, use of employing truck counts to account for ore from stockpiles and, possibly, inaccuracies associated with the strike (ie. an untrained operator taking bin level readings).

Curragh Resources Inc. Geology Department  
 Mill Feed By Blast Hole Assay  
 JUNE 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	168,006	4.86	6.34	11.20	55
	=====	=====	=====	=====	=====
Pit Total	168,006	4.86	6.34	11.20	55
To Cr Stpl	0				
To Coarse Stpl	12,691	3.86	5.20	25.40	52
To B Stpl	82,632	4.97	6.24	29.50	55
To M Stpl	0				
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TOTAL; To Stockpiles	95,323	4.82	6.10	10.92	55
Pit To Mill	72,683	4.91	6.65	11.56	56
From B Stpl	94,590	4.30	5.66	25.50	60
From M Stpl	40,086	2.70	3.75	28.70	34
Coarse Ore Sp	1,688	3.80	5.26	23.80	52
From Lgr A Sp	21,762	1.99	2.62	24.00	27
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TOTAL MILL FEED	230,809	3.99	5.35	9.34	51

Reconciliation

BZ & Stpl	230,809	3.99	5.35	9.34	51
Met. Bal.	208,628	3.61	5.06	8.67	51
Forecast	395,000	3.62	5.00	8.62	51
Budget	390,242	3.62	5.00	8.62	51

% Variance

Blast Hole Calc. vs.					
Met. Bal.	10.63%	10.60%	5.76%	7.77%	-0.15%
Forecast	-41.57%	10.29%	7.03%	8.40%	-0.19%
Budget	-40.85%	10.29%	7.03%	8.40%	-0.19%

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	4,340	1.77	2.62	23	77	114	100
F8701A Diluted	4,774	1.61	2.38	21	77	114	100
FI Model	18,490	1.62	3.00	19	300	555	351
FI Diluted	20,339	1.47	2.73	17	300	555	351
Blast Holes	1,176	3.38	4.35	56	40	51	66
Truck Count	3,565						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
F8701A Model	-72.9%	91.0%	66.0%	143.5%	-48.3%	-55.0%	-34.0%
F8701A Diluted	-75.4%	110.1%	82.6%	167.8%	-48.3%	-55.0%	-34.0%
FI Model	-93.6%	108.6%	45.0%	194.7%	-86.7%	-90.8%	-81.3%
FI Diluted	-94.2%	129.5%	59.5%	224.2%	-86.7%	-90.8%	-81.3%
Truck Count							
vs:							
F8701A Diluted	-25.3%						
FI Diluted	-82.5%						
Blast Holes	203.1%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	Change
BROKEN IN PIT:	0				
STOCKPILE A:					
Non-graphitic Ore	444,192	2.00	2.63	27	(24,180)
STOCKPILE C:					
Graphitic Ore	208,255	1.65	2.96	23	2,275
	=====	=====	=====	=====	
Total Inventory:					
Broken	0				
Stockpile	652,447	1.89	2.74	26	

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

L O W   G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(FI)
=====			
Bench: BZ 3490			
%Pb	3.38	1.85	1.62
%Zn	4.35	2.64	3.02
%Comb	7.73	4.49	4.64
Ag (g/t)	56	27	19
Au (g/t)	n/a	0.281	0.000
Tonnes	1,176	2,550	16,060
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Bench: BZ 3510*			
%Pb	0.00	0.00	1.61
%Zn	0.00	0.00	2.89
%Comb	0.00	0.00	4.50
Ag (g/t)	0	0	21
Au (g/t)	n/a	0.000	0.000
Tonnes	0	0	2,430
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Bench: BZ 3470*			
%Pb	0.00	1.66	0.00
%Zn	0.00	2.60	0.00
%Comb	0.00	4.26	0.00
Ag (g/t)	0	18	0
Au (g/t)	n/a	0.205	0.000
Tonnes	0	1,790	0
=====			
Month Total			
%Pb	3.38	1.77	1.62
%Zn	4.35	2.62	3.00
%Comb	7.73	4.39	4.62
Ag (g/t)	56	23	19
Total Tonnes	1,176	4,340	18,490
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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  
JUNE 1988 MONTH END  
(HIGH GRADE)

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	166,060	4.49	6.06	51	7,456	10,063	8,469
F8701A Diluted	182,666	4.08	5.51	46	7,456	10,063	8,469
FI Model	99,690	4.61	6.41	59	4,596	6,390	5,882
FI Diluted	109,659	4.19	5.83	54	4,596	6,390	5,882
Blast Holes	168,006	4.86	6.34	55	8,165	10,652	9,240
Truck Count	158,975						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
F8701A Model	1.2%	8.2%	4.6%	7.8%	9.5%	5.8%	9.1%
F8701A Diluted	-8.0%	19.1%	15.1%	18.6%	9.5%	5.8%	9.1%
FI Model	68.5%	5.4%	-1.1%	-6.8%	77.7%	66.7%	57.1%
FI Diluted	53.2%	16.0%	8.8%	2.5%	77.7%	66.7%	57.1%
Truck Count							
vs:							
F8701A Diluted	-13.0%						
FI Diluted	45.0%						
Blast Holes	-5.4%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT:				
BZ 3590 CC	80,889	3.42	4.28	45
BZ 3490 DD	11,577	4.40	5.80	47
BZ 3490 EE	159,288	3.45	4.67	42

Change

HIGH GRADE STOCKPILES:

Coarse Ore	19,828	3.73	5.11	52	16,673
Crusher	15,335	3.22	4.47	47	450
B	272,813	4.08	5.48	60	(50,318)
* M	79,927	2.70	3.75	34	(30,425)
	=====	=====	=====	=====	

Total Inventory:

Broken	251,754	1.30	1.64	17
Stockpile	387,903	3.74	5.06	54

\* D Stpl. has been renamed to "M" to avoid confusion phonetically with B Stpl over the radio.

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

H I G H G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(FI)
=====			
Bench: BZ 3490			
%Pb	4.86	4.53	4.60
%Zn	6.34	6.09	6.40
%Comb	11.20	10.62	11.00
Ag (g/t)	55	52	59
Au (g/t)	n/a	0.045	0.019
Tonnes	168,006	157,280	93,220
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Bench: BZ 3510*			
%Pb	0.00	2.32	5.98
%Zn	0.00	4.55	7.43
%Comb	0.00	6.87	13.41
Ag (g/t)	0	25	91
Au (g/t)	n/a	0.060	0.270
Tonnes	0	4,970	800
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Bench: BZ 3470*			
%Pb	0.00	5.61	4.53
%Zn	0.00	6.95	6.53
%Comb	0.00	12.56	11.06
Ag (g/t)	0	60	60
Au (g/t)	n/a	0.029	0.011
Tonnes	0	3,810	5,670
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Month Total			
%Pb	4.86	4.49	4.61
%Zn	6.34	6.06	6.41
%Comb	11.20	10.55	11.02
Ag (g/t)	55	51	59
Total Tonnes	168,006	166,060	99,690
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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).