

CURRAGH RESOURCES INC.

GEOLOGY DEPARTMENT

MONTH END
APRIL 1988

High grade ore mined this month came from two benches in the BZ phase. (the 3530 and 3510). Cumulative blast hole calculations of grades are comparable to both models, with the F8701a 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, Crusher, and Low Grade A Stockpiles (46%), and the BZ 3530 and 3510 (54%). Blast hole calculated grades are about 9% above the actual Mill head grades. This is partially due to analyses variations experienced from the Assay Lab this month and sampling procedures in the pit. Currently, an automatic sampler is being developed which will help standardize our blast hole chip sampling.

The variance between the Mill and blast hole tonnages (17524 tonnes) is a reflection of the Coarse Ore Bins, (being empty at the beginning of the month and almost full at month end).

It is also important to mention that this Month End employed the use of the Survey Departments new Total Station. The Survey Department is now able to supply a computerized surveyed pit status which can be transferred into the Mine Models in PCMINE. This status map is then compared to the previous months status, with the difference equalling what was mined in the month. This difference is then imported into the Mine Models and PCMINE then calculates the grades and tonnes mined.

The greater detail of this method is evident in PCMINE reporting grades and tonnes mined from left over high benches and low benches (pages 4 and 6).

As mining proceeds in the BZ Phase it is apparent that the FI Model is not as accurate as the F8701a. Even though the grades estimated by the F8701a are comparable to the blast holes, tonnes have been underestimated. Some of the hypothesis for these discrepancies have been discussed in previous month ends (i.e. faulting and superimposed folds) and are being studied, along with other ideas, for possible implementation into the new model.

Curragh Resources Inc. Geology Department
 Primary Crusher Feed By Blast Hole Assay
 APRIL 1988

<u>Phase/S.P.</u>	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>Ag g/t</u>
BZ 3530	106,829	3.39	4.36	7.75	28
BZ 3530	333,534	4.00	5.33	9.33	63
	=====	=====	=====	=====	=====
Pit Total	440,363	3.85	5.09	8.95	55
To B Stpl	138,480				
To Cr Stpl	21,545				
To D Stpl	73,160				

Pit To Crush	207,178				
From B Stpl	65,610	4.41	5.26	9.67	67
From Cr Stpl	83,430	4.01	4.90	8.91	61
From D Stpl	24,660	3.19	4.45	7.65	33
From LGr A Sp	5,670	1.99	2.62	4.61	30

TOTAL FEED	386,548	3.91	5.00	8.92	56

Reconciliation

BZ & Stpl	386,548	3.91	5.00	8.92	56
Met. Bal.	369,024	3.58	4.55	8.13	55
Forecast	374,000	3.65	5.04	8.62	52
Budget	332,241	4.09	5.57	9.66	57

% Variance

Blast Hole Calc. vs.					
Met. Bal.	4.75%	9.27%	9.97%	9.66%	1.90%
Forecast	3.36%	7.17%	-0.72%	3.43%	8.45%
Budget	16.35%	-4.36%	-10.16%	-7.71%	-1.06%

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

LOW GRADE

AY/BZ Phase	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Aq g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Aq kg</u>
FB701A Model	16,070	1.57	2.87	26	252	461	418
FB701A Diluted	17,677	1.43	2.61	24	252	461	418
FI Model	71,190	1.75	2.77	29	1,246	1,972	2,065
FI Diluted	78,309	1.59	2.52	26	1,246	1,972	2,065
Blast Holes	16,457	2.30	2.24	36	379	369	592
Truck Count	26,005						

<u>Blast Hole</u>	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Aq g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Aq kg</u>
vs:							
FB701A Model	2.4%	46.5%	-22.0%	38.5%	50.0%	-20.1%	41.8%
FB701A Diluted	-6.9%	61.1%	-14.1%	52.3%	50.0%	-20.1%	41.8%
FI Model	-76.9%	31.4%	-19.1%	24.1%	-69.6%	-81.3%	-71.3%
FI Diluted	-79.0%	44.6%	-11.0%	36.6%	-69.6%	-81.3%	-71.3%
<u>Truck Count</u>							
vs:							
FB701A Diluted	47.1%						
FI Diluted	-66.8%						
Blast Holes	58.0%						

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Aq g/t</u>	<u>Change</u>
BROKEN IN PIT:	0				
STOCKPILE A:					
Non-graphitic Ore	498,712	2.03	2.63	27	19,070
STOCKPILE C:					
Graphitic Ore	205,980	1.65	2.97	23	3,890
	=====	=====	=====	=====	
Total Inventory:					
Broken	0				
Stockpile	704,692	1.92	2.73	26	

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

L O W G R A D E

	Blast Holes	Computer Models	
		(F8701A)	(F1)
=====			
Bench: BZ 3530			
%Pb	2.79	1.50	1.96
%Zn	2.33	2.83	2.57
%Comb	5.12	4.33	4.53
Ag (g/t)	42	22	32
Au (g/t)	n/a	0.031	0.085
Tonnes	9,404	9,830	26,720

Bench: BZ 3510			
%Pb	1.64	1.73	1.62
%Zn	2.13	2.95	2.89
%Comb	3.77	4.68	4.51
Ag (g/t)	27	35	28
Au (g/t)	n/a	0.098	0.052
Tonnes	7,053	5,340	42,900

Bench: BZ 3450*			
%Pb	0.00	1.42	1.94
%Zn	0.00	2.89	2.65
%Comb	0.00	4.31	4.59
Ag (g/t)	0	22	25
Au (g/t)	n/a	0.031	0.189
Tonnes	0	610	1,570

Bench: BZ 3490*			
%Pb	0.00	1.41	0.00
%Zn	0.00	2.90	0.00
%Comb	0.00	4.31	0.00
Ag (g/t)	0	18	0
Au (g/t)	n/a	0.000	0.000
Tonnes	0	290	0
=====			
Month Total			
%Pb	2.30	1.57	1.75
%Zn	2.24	2.87	2.77
%Comb	4.54	4.45	4.52
Ag (g/t)	36	26	29
Total Tonnes	16,457	16,070	71,190
=====			

* Mined reserves calculated via PCSURVEY from benches being mined either too high (ie. Ore left on the 3550 mined on the 3530), or benches being mined too low (ie. Mining the 3510 bench too low).

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

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
FB701A Model	399,770	3.81	5.06	60	15,231	20,228	23,986
FB701A Diluted	439,747	3.46	4.60	55	15,231	20,228	23,986
FI Model	283,740	3.80	5.14	60	10,782	14,584	17,024
FI Diluted	312,114	3.45	4.67	55	10,782	14,584	17,024
Blast Holes	440,363	3.85	5.09	55	16,954	22,414	24,220
Truck Count	389,335						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
FB701A Model	10.2%	1.0%	0.6%	-8.3%	11.3%	10.8%	1.0%
FB701A Diluted	0.1%	11.2%	10.7%	0.8%	11.3%	10.8%	1.0%
FI Model	55.2%	1.3%	-1.0%	-8.3%	57.2%	53.7%	42.3%
FI Diluted	41.1%	11.4%	8.9%	0.8%	57.2%	53.7%	42.3%
Truck Count							
vs:							
FB701A Diluted	-11.5%						
FI Diluted	24.7%						
Blast Holes	-11.6%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT:				
BZ 3510 AA	38,206	3.00	3.90	38
BZ 3510 BB	50,000	3.75	5.25	65 (Estimated)

Change

HIGH GRADE STOCKPILES:

Coarse Ore	28,809	4.49	5.08	63	11,880
Crusher	8,005	3.33	4.34	58	(61,057)
B	178,899	4.50	5.30	70	80,554
D	81,472	3.06	4.21	385	40,390
	=====	=====	=====	=====	
Total Inventory:					
Broken	88,206	3.43	4.67	53	
Stockpile	297,185	4.07	4.95	155	

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

H I G H G R A D E

	Blast Holes	Computer Models	
		(FB701A)	(F1)
=====			
Bench: BZ 3530			
%Pb	3.39	3.48	3.23
%Zn	4.36	4.33	4.43
%Comb	7.75	7.80	7.66
Ag (g/t)	28	57	52
Au (g/t)	n/a	0.157	0.108
Tonnes	106,829	140,110	72,760

Bench: BZ 3510			
%Pb	4.00	3.98	3.99
%Zn	5.33	5.47	5.37
%Comb	9.33	9.45	9.36
Ag (g/t)	63	62	64
Au (g/t)	n/a	0.077	0.071
Tonnes	333,534	247,520	183,220

Bench: BZ 3550*			
%Pb	0.00	3.73	2.89
%Zn	0.00	4.64	4.57
%Comb	0.00	8.37	7.47
Ag (g/t)	0	53	34
Au (g/t)	n/a	0.109	0.117
Tonnes	0	3,770	10,370

Bench: BZ 3490*			
%Pb	0.00	4.23	4.66
%Zn	0.00	5.44	6.09
%Comb	0.00	9.66	10.75
Ag (g/t)	0	60	65
Au (g/t)	n/a	0.100	0.109
Tonnes	0	8,370	17,390
=====			
Month Total			
%Pb	3.85	3.81	3.80
%Zn	5.09	5.06	5.14
%Comb	8.95	8.87	8.94
Ag (g/t)	55	60	60
Total Tonnes	440,363	399,770	283,740
=====			

* Mined reserves calculated via PCSURVEY from benches being mined either too high (ie. Ore left on the 3550 mined on the 3530), or benches being mined too low (ie. Mining the 3510 bench too low).