

020037

**CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT SUMMARY REPORT  
JANUARY 1989 MONTH END  
(HIGH GRADE)**

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	468 970	3.88	5.55		42 18 198	26 028	19 697
F8805 Diluted	515 887	3.53	5.05		38 18 196	26 028	19 697
FI Model	335 580	3.53	5.03		40 11 845	16 879	13 422
FI Diluted	389 118	3.21	4.57		36 11 845	16 879	13 422
Blast Holes	406 816	3.10	4.47		35 12 611	18 185	14 239
Truck Count	425 545						

<u>Blast Hole</u> vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	-13.3%	-20.1%	-19.5%	-16.7%	-30.7%	-30.1%	-27.7%
F8805 Diluted	-21.1%	-12.1%	-11.4%	-8.3%	-30.7%	-30.1%	-27.7%
FI Model	21.2%	-12.2%	-11.1%	-12.5%	6.5%	7.7%	6.1%
FI Diluted	10.2%	-3.4%	-2.2%	-3.8%	6.5%	7.7%	6.1%

<u>Truck Count</u> vs:	
F8805	-9.3%
F8701A Diluted	-17.5%
FI	26.8%
FI Diluted	15.3%
Blast Holes	4.6%

**INVENTORY**

	TONNES	%Pb	%Zn	Ag g/t
<b>BROKEN IN PIT:</b>				
BZ 3430 CC/TE/BB	166 499	2.89	4.59	33
BZ 3430 DD	58 500	3.26	4.85	31

Change

<b>HIGH GRADE STOCKPILES:</b>							
Coarse Ore	69 668	3.39	4.71	42			34 818
Crusher	24 693	3.13	4.45	36			20 033
B	141 217	4.16	5.92	52			(48 060)
M	179 585	2.45	3.48	34			40 275
	=====	=====	=====	=====			
<b>Total Inventory:</b>							
Broken	224 999	2.94	4.65	32			
Stockpile	415 163	3.23	4.57	42			

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

**H I G H G R A D E**

	Blast Holes	Computer Models	
		F8805	FI
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Bench: BZ 3450			
%Pb	2.43	3.16	3.38
%Zn	3.51	3.74	3.90
%Comb	5.94	6.90	7.28
Ag (g/t)	23	40	41
Au (g/t)	n/a	0.053	0.056
Tonnes	50 688	64 330	36 580
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Bench: BZ 3430			
%Pb	3.19	4.01	3.56
%Zn	4.61	5.85	5.17
%Comb	7.80	9.88	8.73
Ag (g/t)	37	42	40
Au (g/t)	n/a	0.055	0.061
Tonnes	356 148	395 130	292 140
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Bench: BZ 3410*	N/A		
%Pb	0.00	3.51	3.28
%Zn	0.00	5.37	5.00
%Comb	0.00	8.89	8.28
Ag (g/t)	0	35	33
Au (g/t)	n/a	0.054	0.090
Tonnes	0	2 210	4 300
-----			
Bench: BZ 3470*	N/A		
%Pb	0.00	3.34	2.80
%Zn	0.00	4.96	4.29
%Comb	0.00	8.30	7.09
Ag (g/t)	0	40	36
Au (g/t)	n/a	0.136	0.104
Tonnes	0	7 300	2 540
-----			
Month Total			
%Pb	3.10	3.88	3.53
%Zn	4.47	5.55	5.03
%Comb	7.57	9.42	8.55
Ag (g/t)	35	42	40
Total Tonnes	408 816	468 970	335 560
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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  
Mill Feed By Blast Hole Assay  
JANUARY 1989

	<u>Phase/S.P.</u>	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>Ag g/t</u>
4-5%	BZ 3450	8 854	2.20	2.45	4.65	24
>5%	BZ 3450	50 668	2.43	3.51	6.94	23
4-5%	BZ 3430	46 628	1.99	2.44	4.43	26
>5%	BZ 3430	355 148	3.19	4.61	7.60	37
	<b>Pit Total</b>	<b>463 298</b>	<b>2.97</b>	<b>4.23</b>	<b>7.19</b>	<b>34</b>
To	Lg Stpl	56 462	2.03	2.44	4.47	26
To	Cr Stpl	99 543	3.09	4.45	7.54	38
To	B Stpl	141 590	3.81	5.68	9.40	41
To	M Stpl	165 683	2.49	3.46	5.95	29
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TOTAL; To Stockpiles		463 298	2.97	4.23	7.19	34
Pit To Mill		0	0.00	0.00	0.00	0
From Cr Sp		80 325	3.05	4.41	7.48	38
From B Sp		188 460	4.10	5.80	9.90	47
From M Sp		127 440	2.47	3.41	5.88	30
From Lg "A"		41 220	2.03	2.45	4.48	25
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TOTAL PRIMARY FEED		437 445	3.24	4.53	7.77	38
To Coarse Ore S.P.	(38 038)		3.19	4.73	7.92	39
From Coarse Ore S.P.	3 218		3.75	5.21	8.98	48
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TOTAL MILL FEED		402 627	3.25	4.52	7.77	38

Reconciliation

BZ & Stpl	402 627	3.25	4.52	7.77	38
Met. Bal.	388 208	3.20	4.33	7.53	35
Forecast	407 658	3.37	4.82	8.18	37

% Variance

Blast Hole Calc. vs.					
Met. Bal.	1.62%	1.43%	4.36%	3.13%	6.54%
Forecast	-1.28%	-3.68%	-6.23%	-5.18%	3.61%

**CURRAGH RESOURCES INC.  
GEOLOGY DEPARTMENT SUMMARY REPORT  
JANUARY 1989 MONTH END  
(LOW GRADE)**

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	16 480	1.94	2.69	29	320	443	470
F8805 Diluted	18 128	1.78	2.45	26	320	443	470
FI Model	41 680	2.01	2.53	32	838	1 055	1 334
FI Diluted	45 848	1.89	2.30	29	838	1 055	1 334
Blast Holes	<del>48 828</del>	<del>1.98</del>	<del>2.44</del>	<del>26</del>	<del>828</del>	<del>1 138</del>	<del>1 212</del>
Truck Count	59 400	2.03	2.44	26			

<u>Blast Hole</u> vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	182.9%	2.6%	-9.3%	-8.9%	190.2%	156.6%	157.7%
F8805 Diluted	157.2%	12.8%	-0.2%	0.2%	190.2%	156.6%	157.7%
FI Model	11.9%	-1.0%	-3.6%	-18.8%	10.8%	7.9%	-9.1%
FI Diluted	1.7%	8.9%	6.1%	-10.6%	10.8%	7.9%	-9.1%

Truck Count  
vs:

F8805 Diluted	227.7%
FI Diluted	29.6%
Blast Holes	27.4%

**INVENTORY**

	TONNES	%Pb	%Zn	Ag g/t
<b>BROKEN IN PIT:</b>				
BZ 3430 BB/CC/EE	60 231	1.93	2.73	24
BZ 3430 DD	12 500	2.09	2.51	29

Change

**LOW GRADE STOCKPILES:**

Lg "A" Stockpile	577 210	2.03	2.65	28	11 258
Lg "C" Stockpile	217 291	1.65	2.98	23	4 591

**Total Inventory:**

Broken	72 731	1.96	2.69	25	
Stockpile	794 501	1.93	2.73	27	

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

**L O W   G R A D E**

	Blast Holes	Computer Models	
		F8805	FI
=====			
Bench: BZ 3450			
%Pb	2.20	2.15	2.08
%Zn	2.45	2.70	2.38
%Comb	4.65	4.85	4.46
Ag (g/t)	24	29	29
Au (g/t)	n/a	0.114	0.077
Tonnes	9 854	9 840	23 030
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Bench: BZ 3430			
%Pb	1.99	1.20	1.93
%Zn	2.44	3.12	2.71
%Comb	4.43	4.32	4.64
Ag (g/t)	26	32	36
Au (g/t)	n/a	0.188	0.000
Tonnes	48 628	3 290	18 650
-----			
Bench: BZ 3410*	N/A		
%Pb	0.00	1.40	0.00
%Zn	0.00	3.09	0.00
%Comb	0.00	4.49	0.00
Ag (g/t)	0	30	0
Au (g/t)	n/a	0.199	0.000
Tonnes	0	210	0
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Bench: BZ 3470*	N/A		
%Pb	0.00	2.12	0.00
%Zn	0.00	2.20	0.00
%Comb	0.00	4.32	0.00
Ag (g/t)	0	28	0
Au (g/t)	n/a	0.000	0.000
Tonnes	0	3 140	0
=====			
Month Total			
%Pb	2.03	1.94	2.01
%Zn	2.44	2.69	2.53
%Comb	4.47	4.64	4.54
Ag (g/t)	26	29	32
Total Tonnes	56 482	16 480	41 680
=====			

\* 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).