

020035

CURRAGH RESOURCES INC.

GEOLOGY DEPARTMENT

MONTH END
MARCH 1989

High grade ore mined this month came from the 3410 bench (96.5%) in the BZ phase, and the 3790 (3.5%) bench in the CD phase. Cumulative blast hole calculations of grades are less than predicted by the F8805 model, with the F8805 diluted model showing lower grades than the blasthole data. The F8805 model under estimated the tonnes of ore mined by 5.4%. Substantially more high grade ore was recovered from the CD phase than predicted by the model as the ore blocks did not show significant amounts of 2F and 2H ore which appeared to have been stockworks in a fault zone. Dilution with 1D4, 1D0 and 2A prevented maximum recovery of the high grade ore in the CD phase.

Mill feed comprised of ore from the Coarse Ore, "B", "M" and Low Grade "A" Stockpiles. The variance between the blast hole calculated and mill head grades, for lead plus zinc, is 5.47%. A shortage of available high grade ore in the final week of March resulted in a lower monthly average. It was necessary to reduce mill feed head grades to ensure a supply high grade for blending. A total of 412,380 tonnes was fed to the primary crusher with 37,895 tonnes trammed out to the coarse ore stockpile. Availability of the primary crusher resulted in 15,815 tonnes being trammed back in to the secondary circuit, therefore the sub-total mill feed was 390,300 tonnes. An increase of 8,609 tonnes was adjusted to the fine and coarse ore bins to reconcile to the metallurgical balance.

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

	<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 3410	43,733	1.94	2.58	4.52	16
>5%	BZ 3410	339,346	3.13	4.75	7.88	27
4-5%	CD 3810/3790	10,440	3.26	3.54	6.80	46
>5%	CD 3790	12,444	4.11	5.61	8.72	54
		=====	=====	=====	=====	=====
	Pit Total	405,963	3.03	4.51	7.55	27
To Lg Stpl		54,172	2.19	2.76	4.95	22
To Cr Stpl		0	0.00	0.00	0.00	0
To B Stpl		211,680	3.83	5.66	9.29	30
To M Stpl		140,111	2.48	3.44	5.90	24

TOTAL: To Stockpiles		405,963	3.04	4.51	7.54	27
Pit To Mill		0	0.00	0.00	0.00	0
From Cr Sp		0	0.00	0.00	0.00	0
From B Sp		233,370	3.69	5.67	9.37	33
From M Sp		175,680	2.45	3.50	5.95	27
From Lg "A"		3,330	2.32	3.12	5.44	25

TOTAL PRIMARY FEED		412,380	3.15	4.73	7.88	31
To Coarse Ore S.P.		(37,895)	3.19	4.82	8.01	34
From Coarse Ore S.P.		15,815	3.19	4.73	7.91	37

SUB-TOTAL MILL FEED		390,300	3.15	4.72	7.87	31
DELTA FOB & COB		6,609	3.15	4.72	7.87	31

TOTAL MILL FEED		381,891	3.29	4.93	8.22	32

Reconciliation

BZ & Stpl	390,300	3.15	4.72	7.87	31
Met. Bal.	381,891	2.90	4.56	7.46	27
Forecast	418,500	3.12	4.74	7.86	30

% Variance

Blast Hole Calc. vs.					
Met. Bal.	2.26%	8.56%	3.50%	5.47%	13.67%
Forecast	-6.74%	0.90%	-0.43%	0.10%	2.34%

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

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	332,780	3.04	4.96	27	10,123	16,503	8,840
F8805 Diluted	366,058	2.77	4.61	24	10,123	16,503	8,840
Blast Holes	351,790	3.16	4.78	28	11,131	18,815	9,812
Truck Count	354,655						

Blast Hole	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
vs:							
F8805 Model	5.7%	4.0%	-3.8%	5.0%	10.0%	1.9%	11.0%
F8805 Diluted	-3.9%	14.4%	6.0%	15.5%	10.0%	1.8%	11.0%

Truck Count	
vs:	
F8805	6.6%
F8805 Diluted	-3.1%
Blast Holes	0.8%

INVENTORY

BROKEN IN PIT:	TONNES	%Pb	%Zn	Ag g/t
BZ 3410 BB	56,960	3.44	4.72	34

Change

HIGH GRADE STOCKPILES:

Coarse Ore	51,622	3.19	4.76	37	31,160
Crusher	0	0.00	0.00	0	0
B	141,051	3.85	5.48	37	(18,873)
M	249,915	2.36	3.58	33	(48,032)
	=====	====	=====	====	
Total Inventory:					
Broken	56,960	3.44	4.72	34	
Stockpile	442,588	2.93	4.32	35	

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

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	18,550	1.82	2.72	26	337	504	489
F8805 Diluted	20,405	1.65	2.47	24	337	504	489
Blast Holes	54,173	2.19	2.77	22	1,189	1,498	1,180
Truck Count	56,235						

Blast Hols vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	192.0%	20.8%	1.8%	-17.3%	252.8%	197.2%	141.5%
F8805 Diluted	165.5%	32.8%	11.9%	-9.0%	252.8%	197.2%	141.5%

Truck Count
vs:

F8805 Diluted	175.6%
Blast Holes	3.8%

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT: BZ 3410 BB	7,467	1.78	2.45	22

Change

LOW GRADE STOCKPILES:							
Lg "A" Stockpile	687,119	2.02	2.62	23		48,110	
Lg "C" Stockpile	224,628	1.65	2.96	23		4,840	
	=====	=====	=====	=====			
Total Inventory:							
Broken	7,467	1.78	2.45	22			
Stockpile	911,747	1.93	2.70	23			

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

H I G H G R A D E

	Blast Holes	Computer Model F8805
=====		
Bench: (BZ) 3410		
%Pb	3.13	3.05
%Zn	4.75	4.97
%Comb	7.88	8.02
Ag (g/t)	27	26
Au (g/t)	n/a	0.076
Tonnes	339,345	327,050

Bench: (BZ) 3390		
%Pb	0.00	0.00
%Zn	0.00	0.00
%Comb	0.00	0.00
Ag (g/t)	0	0
Au (g/t)	n/a	0.000
Tonnes	0	0

Bench: (S) 3790		
%Pb	4.11	2.79
%Zn	3.61	4.13
%Comb	9.72	6.92
Ag (g/t)	54	50
Au (g/t)	n/a	0.176
Tonnes	12,444	4,220

Bench: (S) 3770		
%Pb	0.00	0.00
%Zn	0.00	0.00
%Comb	0.00	0.00
Ag (g/t)	0	0
Au (g/t)	n/a	0.000
Tonnes	0	0

Bench: (BZ) 3430*	N/A	
%Pb	0.00	3.09
%Zn	0.00	4.34
%Comb	0.00	7.43
Ag (g/t)	0	30
Au (g/t)	n/a	0.075
Tonnes	0	10,960

HG

Bench: B7 3390*	N/A	
%Pb	0.00	2.84
%Zn	0.00	4.98
%Comb	0.00	7.82
Ag (g/t)	0	26
Au (g/t)	n/a	0.181
Tonnes	0	2,400

Bench: D 3310*	N/A	
%Pb	0.00	2.70
%Zn	0.00	4.09
%Comb	0.00	6.80
Ag (g/t)	0	49
Au (g/t)	n/a	0.173
Tonnes	0	1,440

Bench: D 370*	N/A	
%Pb	0.00	0.00
%Zn	0.00	0.00
%Comb	0.00	0.00
Ag (g/t)	0	0
Au (g/t)	n/a	0.000
Tonnes	0	0

Month Total		
%Pb	3.16	3.04
%Zn	4.78	4.96
%Comb	7.95	8.00
Ag (g/t)	28	27
Total Tonnes	351,789	332,710

* 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 MINED RESERVES COMPARISON
MARCH 1989 MONTH END

L O W G R A D E

	Blast Holes	Computer Model F8805

Bench: <u>BZ</u> 3410		
%Pb	1.94	1.77
%Zn	2.58	2.85
%Comb	4.52	4.62
Ag (g/t)	16	22
Au (g/t)	n/a	0.152
Tonnes	43,733	12,840

Bench: <u>S</u> 3810		
%Pb	3.36	1.84
%Zn	3.99	2.22
%Comb	7.34	4.05
Ag (g/t)	50	36
Au (g/t)	n/a	0.381
Tonnes	3,556	1,360

Bench: <u>S</u> 3790		
%Pb	3.21	1.95
%Zn	3.31	2.45
%Comb	6.52	4.40
Ag (g/t)	44	35
Au (g/t)	n/a	0.289
Tonnes	6,884	3,670

Bench: <u>BZ</u> 3390*		
%Pb	0.00	2.33
%Zn	0.00	2.57
%Comb	0.00	4.90
Ag (g/t)	0	50
Au (g/t)	n/a	0.463
Tonnes	0	240

Bench: <u>BZ</u> 3430*	N/A	
%Pb	0.00	1.70
%Zn	0.00	2.71
%Comb	0.00	4.42
Ag (g/t)	0	23
Au (g/t)	n/a	0.000
Tonnes	0	300

HG?



Bench: BZ 3430*	N/A	
%Pb	0.00	1.70
%Zn	0.00	2.71
%Comb	0.00	4.42
Ag (g/t)	0	23
Au (g/t)	n/a	0.000
Tonnes	0	300
Bench: GP 3750*	N/A	
%Pb	0.00	0.00
%Zn	0.00	0.00
%Comb	0.00	0.00
Ag (g/t)	0	0
Au (g/t)	n/a	0.000
Tonnes	0	0
Bench:		
%Pb	0.00	0.00
%Zn	0.00	0.00
%Comb	0.00	0.00
Ag (g/t)	0	0
Au (g/t)	n/a	0.000
Tonnes	0	0
Bench: BZ		
%Pb	0.00	0.00
%Zn	0.00	0.00
%Comb	0.00	0.00
Ag (g/t)	0	0
Au (g/t)	n/a	n/a
Tonnes	0	0
Month Total		
%Pb	2.19	1.82
%Zn	2.76	2.72
%Comb	4.96	4.53
Ag (g/t)	22	26
Total Tonnes	54,173	18,410

* 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).