020049

C U R R A G H R E S O U R C E S

G E O L O G Y D E P A R T M E N T

MONTH END
JANUARY 1988

High grade ore for January came from one bench in the AY phase (3410) and three benches (3590, 3570 and 3550) in the BZ phase. Cumulative blast hole calculations of grades are comparable to the diluted F8701a model. However, estimated ore tonnages for all models fall short of the blasthole calculated tonnage. This may be attributed to the models being conservative near the top and bottom of the ore body; in-that a twenty foot bench must be at least half ore before it is included in the model estimations, and in mining we have recovered ore from as little as five feet in a bench.

One hypothesis for the underestimating of the models would involve folding at the top and bottom of the ore body producing thickening not predicted by the models. Multiple superposed folds, of the type that may be found in the Faro deposit, can easily produce the complex topography that may be underestimated by modeling.

A second hypothesis for the underestimation would involve faulting accommodated by imbrication widening the ore body. This may have happened near the Faro Fault in the AY phase and near the P and I Faults in the BZ phase. To-date not enough pit mapping has been done to support either hypothesis, but with updated mapping a better understanding of this discrepancy will be evident.

Primary crusher feed includes the four areas mentioned above along with the Crusher, B and Low Grade A Stockpiles. The discrepancy between the metallurgical balance and the blasthole calculations is due to the Coarse Ore bins being full on the 1st of the month and empty at month end.

Curragh Resources Inc. Geology Department
Primary Crusher Feed By Blast Hole Assay
January 1 to 31 1988

Phase/S.P.	Tonnes	%Pb	%Zn	%Comb	Ag g/t
AY 3410	111,689	2.70	4.00	6.70	23
BZ 3590	23,906	5.10	5.43	10.53	74
BZ 3570	281,718	3.95	4.65	8.60	54
BZ 3550	72,789	3.50	4.40	7.90	54
Pit Total	490,102	3.65	4.50	8.16	48
To B Stpl	134,840				
From Cr Stpl	(2,543)				
Pit To Crush	357,805				
From C Stple	0				
From A Stple	630	1.99	2.62	4.61	27
TOTAL FEED	358,435	3.65	4.50	8.15	48

Reconciliation

AY/BZ & Stpl	358,435	3.65	4.50	8.15	48
Met. Bal.	380,604	3.28	4.52	7.80	45
Forecast	418,500	3.22	4.29	7.51	41
Budget	414,423	3.76	4.54	8.30	52

% Variance

Blast Hole Calc. vs.					
Met. Bal.	-5.82%	11.33%	-0.45%	4.50%	6.39%
Forecast	-14.35%	13.40%	4.88%	8.53%	16.77%
Budget	-13.51%	-2.89%	-0.89%	-1.80%	-7.93%

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

LOW GRADE

AY Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	24,910	1.61	3.07	26	401	765	648
F8701A Diluted	27,401	1.46	2.79	24	401	765	648
FI Model	30,340	1.97	2.65	26	598	804	789
FI Diluted	33,374	1.79	2.41	24	598	804	789
Blast Holes	33,579	2.04	2.63	27	685	883	907
Truck Count	44,885						

Blast Hole vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	34.8%	26.7%	-14.3%	3.8%	70.8%	15.5%	40.0%
F8701A Diluted	22.5%	39.4%	-5.8%	14.2%	70.8%	15.5%	40.0%
FI Model	10.7%	3.6%	-0.8%	3.8%	14.6%	9.8%	14.9%
FI Diluted	0.6%	13.9%	9.2%	14.2%	14.6%	9.8%	14.9%

Truck Count vs:	
F8701A Diluted	63.8%
FI Diluted	34.5%
Blast Holes	33.7%

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	Change
BROKEN IN PIT:	0				
STOCKPILE A: Non-graphitic Ore	420,796	2.01	2.60	27	53,000
STOCKPILE C: Graphitic Ore	200,020	1.60	3.00	22	2,000
Total Inventory:					
Broken	0				
Stockpile	620,816	1.88	2.73	25	

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

H I G H G R A D E

	Blast Holes	Computer Models (F8701A)	(FI)
Bench: AY 3410			
%Pb	2.70	2.46	2.71
%Zn	4.00	3.56	3.92
%Comb	6.70	6.02	6.63
Ag (g/t)	23	27	27
Tonnes	111,689	85,290	92,080
Bench: BZ 3590			
%Pb	5.10	4.40	3.28
%Zn	5.43	5.93	4.11
%Comb	10.53	10.33	7.39
Ag (g/t)	74	67	47
Tonnes	23,906	25,220	12,100
Bench: BZ 3570			
%Pb	3.95	3.82	3.50
%Zn	4.65	5.25	5.05
%Comb	8.60	9.07	8.55
Ag (g/t)	54	57	45
Tonnes	281,718	180,620	134,290
Bench: BZ 3550			
%Pb	3.50	4.08	3.37
%Zn	4.40	5.55	4.58
%Comb	7.90	9.63	7.95
Ag (g/t)	54	58	43
Tonnes	72,789	59,580	40,780
Month Total			
%Pb	3.65	3.58	3.21
%Zn	4.50	4.94	4.57
%Comb	8.16	8.51	7.78
Ag (g/t)	48	51	39
Total Tonnes	490,102	350,710	279,250

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

L O W G R A D E

	Blast Holes	Computer Models (F8701A)	Computer Models (FI)
Bench: AY 3410			
%Pb	1.88	1.54	1.96
%Zn	2.71	3.234	2.77
%Comb	4.60	4.77	4.73
Ag (g/t)	21	26	24
Tonnes	16,889	14,720	23,130
Bench: BZ 3590			
%Pb	0.00	0.00	0.00
%Zn	0.00	0.00	0.00
%Comb	0.00	0.00	0.00
Ag (g/t)	0	0	0
Tonnes	0	0	0
Bench: BZ 3570			
%Pb	2.10	1.80	2.33
%Zn	2.79	2.92	2.05
%Comb	4.89	4.72	4.38
Ag (g/t)	31	26	45
Tonnes	11,112	6,130	4,280
Bench: BZ 3550			
%Pb	2.38	1.61	1.55
%Zn	2.07	2.72	2.57
%Comb	4.45	4.33	4.12
Ag (g/t)	37	29	18
Tonnes	5,578	4,060	2,930
Month Total			
%Pb	2.04	1.61	1.97
%Zn	2.63	3.07	2.65
%Comb	4.67	4.68	4.62
Ag (g/t)	27	26	26
Total Tonnes	33,579	24,910	30,340

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

AY Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	350,710	3.58	4.94	51	12,555	17,325	17,886
F8701A Diluted	385,781	3.25	4.49	46	12,555	17,325	17,886
FI Model	279,250	3.21	4.57	39	8,964	12,762	10,891
FI Diluted	307,175	2.92	4.15	35	8,964	12,762	10,891
Blast Holes	490,102	3.65	4.50	48	17,889	22,055	23,525
Truck Count	549,810						

Blast Hole vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8701A Model	39.7%	2.0%	-8.9%	-5.9%	42.5%	27.3%	31.5%
F8701A Diluted	27.0%	12.2%	0.2%	3.5%	42.5%	27.3%	31.5%
FI Model	75.5%	13.7%	-1.5%	23.1%	99.6%	72.8%	116.0%
FI Diluted	59.6%	25.1%	8.3%	35.4%	99.6%	72.8%	116.0%

Truck Count vs:	OreTns
F8701A Diluted	42.5%
FI Diluted	79.0%
Blast Holes	12.2%

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	Change
BROKEN IN PIT:					
AY 3410 EE	18,667	2.67	3.83	21	
BZ 3550 AA	13,337	3.73	4.24	63	
BZ 3570 BB	3,527	2.71	5.31	25	
STOCKPILE A:					
Ramp Zone Ore	6,000	4.57	4.46	n/a	
CRUSHER STOCKPILE:					
Ore	40,985	2.97	4.58	29	(2,543)
Coarse Ore	15,669	3.58	4.84	40	603
STOCKPILE B:					
	152,090	3.73	4.21	50	134,840
	=======	====	====	====	
Total Inventory:					
Broken	35,531	3.07	4.13	37	
Stockpile	199,075	3.60	4.29	n/a	