C U R R A G H R E S O U R C E S I N C.

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

MONTH END
APRIL 1989

High grade ore mined this month came from the 3410 bench (51.5%) ,the 3390 bench (43.87%) in the BZ phase, and the 3770 bench (3.4%) ,3710 bench (1.17%) in the S phase. Cumulative blast hole calculations of grades are less than predicted by the F8805 model, with the F8805 diluted model showing higher grades than the blasthole data. The F8805 diluted model came within 1.2% of the blasthole calculated tonnage. Substantially more high grade ore was recovered from the S 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, 1DO and 2A prevented maximum recovery of the high grade ore in the S phase.

Truck counts were 23.5% higher than the F8805 undiluted model, 12.2% higher than the diluted model and 13.6% higher than the blasthole calculations. A statistical study was made which compared truck count vs. blasthole calculations for ore designated to high grade "B", medium grade "M", and low grade "A" stockpiles. It was found that the actual truck factor for high grade ore was 116 tonnes per truck, for medium grade ore the factor was reduced to 108 tonnes per truck, and the low grade ore was reduced to 106 tonnes per truck. The truck factor study is planned to continue on a monthly basis in order to obtain data for a long term analysis.

Individual rock types and tonnages mined in the month of April were found using PCMINE and are listed in Table 1, showing percentage of rock type mined for the month.

Mill feed comprised of ore from the Coarse Ore, "B", and "M" Stockpiles. There was approximately 13,000 tonnes of high grade ore retrieved from a separate stockpile, which consisted of large boulders and frost chuncks that accumulated over the past winter. The variance between the blast hole calculated and mill head grades, for lead plus zinc, is 2.98%. A total of 359,348 tonnes were fed to the primary crusher with 27,136 tonnes trammed out to the coarse ore stockpile. Availability of the primary crusher resulted in 37,127 tonnes being trammed back in to the secondary circuit, therefore the sub-total mill feed was 369,348 tonnes. A decrease of 5,469 tonnes was adjusted to the fine and coarse ore bins to reconcile to the metallurgical balance.

TABLE 1:Rock types (tonnage and percentage) mined APRIL 89

ROCK CODE (Description)	TONNES	%
ORE		
21 2ACD ribbon-banded graphitic quartzite,(B.H.)	92,720	10.76
23 2ACD ribbon-banded graphitic quartzite,(U.H.)	2,880	0.33
33 2BCD pyritic quartzite/upper horizon	8,250	0.96
40 2EC semi-massive quartzose pyritic sulfides	19,100	2.22
50 2EF pyritic massive sufides	303,230	35.22
60 2EFG baritic massive sulfides	550	0.07
70 2H pyrrhotitic massive sulfides	12,060	1.40
WASTE		
100 1D0/1C0/1CD schist and phyllite waste	299,540	34.78
110 1D2/1E0 graphitic schist and phyllite	31,460	3.65
120 2L/1D4 altered schist and phyllite	32,400	3.76
150 3A basal graphitic unit of calc-siscate	15,360	1.78
160 3D calc-silicate	2,880	0.33
170 3D BXA calc-silicate breccia	31,330	3.64
180 10E biotite hornblende quartz dioritie	9,390	1.10
TOTAL	861,170	

Is this believable?

Curragh Resources Inc. Geology Department
Mill Feed By Blast Hole Assay
APRIL 1989

	Phase/S.P.	Tonnes	%Pb	%Zn	%Comb	Ag g/t
4-5%	BZ 3410/3390	32,668	1.95	2.80	4.75	37
>5%	BZ 3410/3390	327,499	2.79	4.61	7.39	29
>5%	S 3770	11,756	3.61	5.71	9.32	73
>5%	S 3710	4,002	3.27	4.91	8.18	40
	Pit Total	375,925	2.74	4.49	7.23	31
	To Lg Stpl	32,668	1.95	2.80	4.75	37
	To Cr Stpl	15,778	2.71	4.89	7.60	45
	To B Stpl	148,409	3.42	5.43	8.86	33
	To M Stpl	179,070	2.33	3.98	6.31	27
TOTAL:	To Stockpiles	375,925	2.74	4.49	7.23	31
	Pit To Mill	0	0.00	0.00	0.00	0
	From Cr Sp	23,918	2.70	4.85	7.55	39
	From B Sp	178,110	3.50	5.41	8.91	33
	From M Sp	157,320	2.38	3.94	6.32	29
	From Lg"A"	0	0.00	0.00	0.00	0
TOTAL PRIMARY FEED		359,348	2.96	4.73	7.69	32
To Coarse Ore S.P.		(27,136)	2.88	4.62	7.50	32
From Coarse Ore S.P.		37,127	2.90	4.65	7.55	34
SUB-TOTAL MILL FEED		369,339	2.96	4.73	7.69	32
DELTA FOB & COB		5,469	3.12	4.86	7.98	37
TOTAL MILL FEED		374,808	2.96	4.73	7.69	32

Reconciliation

BZ & Stpl	369,339	2.96	4.73	7.69	32
Met. Bal.	374,808	2.87	4.60	7.47	31
Forecast	375,000	3.12	4.47	7.59	32

% Variance

Blast Hole Calc. vs.					
Met. Bal.	-1.46%	2.98%	2.83%	2.89%	3.69%
Forecast	-1.51%	-5.27%	5.82%	1.26%	-0.65%

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

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	315,750	3.39	5.31	31	10,702	16,772	9,764
F8805 Diluted	347,325	3.08	4.83	28	10,702	16,772	9,764
Blast Holes	343,257	2.82	4.65	31	9,678	15,958	10,483
Truck Count	389,855						

Blast Hole vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	8.7%	-16.8%	-12.5%	-1.2%	-9.6%	-4.9%	7.4%
F8805 Diluted	-1.2%	-8.5%	-3.7%	8.6%	-9.6%	-4.9%	7.4%

Truck Count vs:	
F8805	23.5%
F8805 Diluted	12.2%
Blast Holes	13.6%

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	
BROKEN IN PIT:					
BZ 3390 ALL	115,996	2.91	4.74	31	
					Change
HIGH GRADE STOCKPILES:					
Coarse Ore	39,352	2.92	4.69	31	31,160
Crusher	0	0.00	0.00	0	0
B	14,647	3.27	5.49	26	(18,873)
M	214,241	2.31	3.72	32	(46,032)
Total Inventory:					
Broken	115,996	2.91	4.74	31	
Stockpile	268,240	2.45	3.96	32	
TOTAL	384,236	2.59	4.19	31	

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

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	27,140	1.62	2.97	31	440	806	850
F8805 Diluted	29,854	1.47	2.70	28	440	806	850
Blast Holes	32,667	1.95	2.80	37	637	915	1,221
Truck Count	36,875						

Blast Hole vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	20.4%	20.2%	-5.7%	19.3%	44.7%	13.6%	43.6%
F8805 Diluted	9.4%	32.3%	3.8%	31.3%	44.7%	13.6%	43.6%

Truck Count vs:	
F8805 Diluted	23.5%
Blast Holes	12.9%

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	Change
BROKEN IN PIT:					
BZ 3390 ALL	17,466	1.87	2.90	26	
LOW GRADE STOCKPILES:					
Lg "A" Stockpile	709,244	1.99	2.62	22	48,110
Lg "C" Stockpile	236,878	1.65	2.96	23	4,840
Total Inventory:					
Broken	17,466	1.87	2.90	26	
Stockpile	946,122	1.90	2.71	22	
TOTAL	963,588	1.90	2.71	22	

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

H I G H G R A D E

	Blast Holes	Computer Model F8805
Bench: BZ 3410		
%Pb	2.70	3.60
%Zn	4.32	5.19
%Comb	7.02	8.79
Ag (g/t)	35	37
Au (g/t)	n/a	0.078
Tonnes	176,924	177,840
Bench: BZ 3390		
%Pb	2.89	3.14
%Zn	4.94	5.51
%Comb	7.83	8.64
Ag (g/t)	22	23
Au (g/t)	n/a	0.116
Tonnes	130,373	133,050
Bench: S 3770		
%Pb	3.61	3.13
%Zn	5.71	4.73
%Comb	25.12	7.87
Ag (g/t)	73	55
Au (g/t)	n/a	0.153
Tonnes	11,756	600
Bench: S 3710		
%Pb	3.27	2.66
%Zn	4.91	4.33
%Comb	8.18	6.99
Ag (g/t)	40	31
Au (g/t)	n/a	0.139
Tonnes	4,002	4,120
Bench: BZ 3430*	N/A	
%Pb	0.00	4.43
%Zn	0.00	6.69
%Comb	0.00	11.12
Ag (g/t)	0	51
Au (g/t)	n/a	0.002
Tonnes	0	28,280

9.32

Bench: BZ 3450*		
%Pb	0.00	5.06
%Zn	0.00	6.73
%Comb	0.00	11.78
Ag (g/t)	0	57
Au (g/t)	n/a	0.000
Tonnes	0	1,410
Bench: SD 3810*	N/A	
%Pb	0.00	2.48
%Zn	0.00	3.72
%Comb	0.00	6.20
Ag (g/t)	0	45
Au (g/t)	n/a	0.155
Tonnes	0	140
Bench:	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	2.82	3.39
%Zn	4.65	5.31
%Comb	7.47	8.70
Ag (g/t)	31	31
Total Tonnes	343,257	313,750

H.6

* Mined reserves calculated via FCSURVEY 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
APRIL 1989 MONTH END

L O W G R A D E

	Blast Holes	Computer Model F8805
Bench: 87 3410		
%Pb	1.96	1.58
%Zn	2.80	2.97
%Comb	4.75	4.55
Ag (g/t)	40	32
Au (g/t)	n/a	0.336
Tonnes	29,467	19,670
Bench: 87 3390		
%Pb	1.91	1.52
%Zn	2.81	2.97
%Comb	4.72	4.49
Ag (g/t)	12	32
Au (g/t)	n/a	0.220
Tonnes	3,200	520
Bench: 87 3370		
%Pb	0.00	1.93
%Zn	0.00	2.66
%Comb	0.00	4.59
Ag (g/t)	0	38
Au (g/t)	n/a	0.319
Tonnes	0	1,650
Bench: 87 3730		
%Pb	0.00	1.73
%Zn	0.00	3.03
%Comb	0.00	4.76
Ag (g/t)	0	25
Au (g/t)	n/a	0.088
Tonnes	0	4,100

Bench: BZ 3430*	N/A	
%Pb	0.00	1.13
%Zn	0.00	3.16
%Comb	0.00	4.28
Ag (g/t)	0	24
Au (g/t)	n/a	0.407
Tonnes	0	220
Bench: BZ 3450*	N/A	
%Pb	0.00	1.62
%Zn	0.00	3.19
%Comb	0.00	4.81
Ag (g/t)	0	28
Au (g/t)	n/a	0.000
Tonnes	0	980
[redacted]		
%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
[redacted]		
%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	1.95	1.62
%Zn	2.80	2.97
%Comb	4.75	4.59
Ag (g/t)	37	31
Total Tonnes	32,667	27,140

* 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).