

CURRAGH RESOURCES INC.

GEOLOGY DEPARTMENT

MONTH END
FEBRUARY 1989

High grade ore mined this month came from the 3430 (69.2%) and 3410 (30.8%) benches in the BZ phase. Cumulative blast hole calculations of grades are less than predicted by both the FI and F8805 models, with the FI diluted model closest. The F8805 and FI models over estimated the tonnes of ore mined by 21.2% and 0.4% respectively.

Mill feed comprised of ore from the Coarse Ore, Crusher, B, M and Low Grade "A" Stockpiles. The variance between the blast hole calculated and mill head grades, for lead plus zinc, is 3.18%.

The variance between the Mill and Blast Hole tonnages this month is zero. Using a program called ORECON, written by Ed Desjardins, tonnages from stockpiles were reconciled to the mill feed tonnage. However, this program does not take into account that ore can be held in the coarse ore bins (COB) and fine ore bins (FOB). Therefore, we have taken the mills' estimate of the levels of these bins, at the beginning and end of the month and adjusted the feed accordingly (as reported in the Mill Feed By Blast Hole Assay as Delta FOB and COB).

Curragh Resources Inc. Geology Department
 Mill Feed By Blast Hole Assay
 FEBRUARY 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 3430	76,659	1.95	2.70	4.65	27
>5%	BZ 3430	216,684	2.87	4.44	7.31	38
4-5%	BZ 3410	1,076	1.78	2.69	4.47	30
>5%	BZ 3410	96,252	2.85	4.53	7.38	32
		=====	=====	=====	=====	=====
	Pit Total	390,671	2.68	4.12	6.80	34
To Lg	Stpl	77,735	1.95	2.70	4.65	27
To Cr	Stpl	15,520	2.80	4.49	7.29	39
To B	Stpl	150,226	3.41	5.23	8.64	43
To M	Stpl	147,190	2.32	3.69	6.01	29

TOTAL; To Stockpiles		390,671	2.68	4.12	6.80	34
Pit To Mill		0	0.00	0.00	0.00	0
From Cr Sp		31,915	2.79	4.43	7.22	39
From B Sp		121,866	3.57	5.34	8.91	44
From M Sp		37,186	2.23	3.57	5.80	29
From Lg "A"		19,062	2.07	2.61	4.68	24

TOTAL PRIMARY FEED		210,029	3.08	4.64	7.72	39
To Coarse Ore S.P.		(18,845)	3.04	4.69	7.73	37
From Coarse Ore S.P.		60,221	3.33	4.69	8.02	41
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SUB-TOTAL MILL FEED		251,405	3.14	4.65	7.79	39
DELTA FOB & COB		3,960	3.25	4.52	7.77	38
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TOTAL MILL FEED		255,365	3.14	4.65	7.79	39

Reconciliation

BZ & Stpl	251,405	3.14	4.65	7.79	39
Met. Bal.	255,365	3.02	4.53	7.55	35
Forecast	378,000	3.23	4.80	8.03	32

% Variance

Blast Hole Calc. vs.					
Met. Bal.	-1.55%	4.02%	2.62%	3.18%	14.08%
Forecast	-33.49%	-2.75%	-3.15%	-2.99%	23.24%

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GEOLOGY DEPARTMENT SUMMARY REPORT
FEBRUARY 1989 MONTH END
(HIGH GRADE)

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	397,300	3.29	4.73	34	13,090	18,790	13,390
F8805 Diluted	437,030	3.00	4.30	31	13,090	18,790	13,390
FI Model	325,930	3.21	4.78	38	10,469	15,566	12,289
FI Diluted	358,523	2.92	4.34	34	10,469	15,566	12,289
Blast Holes	312,936	2.86	4.47	36	8,962	13,981	11,314
Truck Count	333,305						

<u>Blast Hole</u> vs:	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
F8805 Model	-21.2%	-13.1%	-5.5%	7.3%	-31.5%	-25.6%	-15.5%
F8805 Diluted	-28.4%	-4.4%	3.9%	18.0%	-31.5%	-25.6%	-15.5%
FI Model	-4.0%	-10.8%	-6.5%	-4.1%	-14.4%	-10.2%	-7.9%
FI Diluted	-12.7%	-1.9%	2.9%	5.5%	-14.4%	-10.2%	-7.9%

<u>Truck Count</u> vs:	
F8805	-16.1%
F8701A Diluted	-23.7%
FI	2.3%
FI Diluted	-7.0%
Blast Holes	6.5%

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>
BROKEN IN PIT:				
BZ 3410 AA/BB	141,654	3.54	5.34	27
BZ 3430 BB	4,302	4.49	5.45	67

Change

HIGH GRADE STOCKPILES:

Coarse Ore	29,462	3.19	4.67	40	34,818
Crusher	0	0.00	0.00	0	20,033
B	160,332	3.95	5.54	47	(48,060)
M	296,625	2.37	3.61	33	40,275
	=====	=====	=====	=====	
Total Inventory:					
Broken	145,956	3.57	5.34	28	
Stockpile	486,419	2.94	4.31	38	

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(LOW GRADE)

AY/BZ Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	35,190	1.64	2.92	28	577	1,029	1,002
F8805 Diluted	38,709	1.49	2.66	26	577	1,029	1,002
FI Model	1,590	1.34	2.83	26	21	45	41
FI Diluted	1,749	1.22	2.57	23	21	45	41
Blast Holes	77,735	1.95	2.70	27	1,514	2,099	2,102
Truck Count	88,800						

<u>Blast Hole</u> vs:	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
F8805 Model	120.9%	18.7%	-7.7%	-5.0%	162.3%	103.9%	109.8%
F8805 Diluted	100.8%	30.6%	1.5%	4.5%	162.3%	103.9%	109.8%
FI Model	4789.0%	45.7%	-4.6%	5.2%	7021.9%	4565.8%	5041.4%
FI Diluted	4344.5%	60.2%	5.0%	15.7%	7021.9%	4565.8%	5041.4%

Truck Count
vs:

F8805 Diluted	129.4%
FI Diluted	4977.2%
Blast Holes	14.2%

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT: BZ 3410 AA/BB	11,733	1.92	2.62	16

Change

LOW GRADE STOCKPILES:							
Lg "A" Stockpile	638,884	2.03	2.65	28		11,258	
Lg "C" Stockpile	219,958	1.65	2.96	23		4,591	
	=====	=====	=====	=====			
Total Inventory:							
Broken	11,733	1.92	2.62	16			
Stockpile	858,842	1.93	2.73	27			