

020029

CURRAGH RESOURCES INC.

GEOLOGY DEPARTMENT

Month End
September 1989

During September ore was mined from three benches in the S Phase, 3610, 3590 and 3570. The 3610 bench produced 41% of the +6% ore, 48% of 5-6% ore and 14% of low grade ore from 3-5%. The 3590 bench accounted for 45%, 40% and 70% of the respective ore categories and the 3570 bench, in early development, produced 14%, 12% and 16%. Total ore production for the month was 573,962 tonnes at an average grade of 8.42% Pb+Zn.

The F8908 geologic interpretation was again used to compare production for the month and overall is in close agreement with blast hole data. The +5% mill feed ore for the month was within 1% of the tonnage predicted by F8809. Grade of blast holes was slightly lower than predicted with a 7% difference in Pb and 1% difference in Zn. There was a larger variation in the 3-5% low grade category but the small tonnage involved (85,464) makes the comparison unreliable. The F8809 under-estimated low grade tonnage by 16%, over-estimated Pb by 11% and predicted 24% less Zn than blast holes.

Mill feed for the month was 375,365 tonnes of 8.33% Pb+Zn. This compares to the metallurgical balance of 375,365 tonnes at 8.16% Pb+Zn. Grades were low at the beginning of the month but rose to the forecast requirements and above near month end. Some problems were experienced at mid-month with high lead grades coupled with mill drier problems due to this head grades were lowered for several days.

Truck counts for the month's ore production show improvement due to concerted effort by Mine Operations to fully load ore trucks. For the month, truck counts showed less ore leaving the pit than did the blast hole data base. The difference was 6%.

Two Geological Technicians have accepted positions in the Department and will start work in late October. After an initial training period it is anticipated that grade control will have 24 hour coverage.

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

H I G H G R A D E (+6%)

	Blast Holes	FB70B INTERPRETATION @ 95% RECOVERY

Bench: S 3610		
%Pb	4.12	3.55
%Zn	6.43	5.50
%Comb	10.55	9.35
Ag (g/t)	55	54
Au (g/t)	n/a	0.122
Tonnes	149,071	227,981

Bench: S 3590		
%Pb	3.97	4.48
%Zn	8.88	6.15
%Comb	9.85	10.64
Ag (g/t)	59	59
Au (g/t)	n/a	0.213
Tonnes	166,626	184,186

Bench: S 3570		
%Pb	4.11	3.71
%Zn	5.36	4.70
%Comb	9.47	8.41
Ag (g/t)	61	56
Au (g/t)	n/a	0.502
Tonnes	52,072	35,606

Bench: S 3630*	N/A	
%Pb	0.00	3.11
%Zn	0.00	4.59
%Comb	0.00	7.70
Ag (g/t)	0	40
Au (g/t)	n/a	0.162
Tonnes	0	13,786

Bench: S 3550*	N/A	
%Pb	0.00	5.09
%Zn	0.00	5.48
%Comb	0.00	10.57
Ag (g/t)	0	71
Au (g/t)	n/a	0.359
Tonnes	0	1,492

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Month Total |           |           |
  %Pb       |      4.05 |      4.07 |
  %Zn       |      6.03 |      5.67 |
  %Comb     |     10.08 |      9.74 |
  Ag (g/t)  |       58  |       56  |
  Total Tonnes | 367,769 | 463,049 |
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* Mined reserves calculated via PCMINE from benches being mined either too high (ie. Ore left on the 3610 mined on the 3590), or benches being mined too low (ie. Mining the 3590 bench too low).

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

M E D I U M G R A D E (5-6%)

	Blast Holes	F8908 INTERPRETATION @ 90% RECOVERY
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BENCH S 3610		
%Pb	2.57	2.34
%Zn	3.58	3.15
%Comb	6.15	5.49
Ag (g/t)	38	29
Au (g/t)	n/a	0.105
Tonnes	57,651	12,369

Bench: S 3590		
%Pb	2.73	2.64
%Zn	3.65	2.71
%Comb	6.38	5.35
Ag (g/t)	43	42
Au (g/t)	n/a	0.224
Tonnes	48,449	8,531

Bench: S 3570		
%Pb	2.27	2.33
%Zn	3.53	3.10
%Comb	5.80	5.43
Ag (g/t)	37	36
Au (g/t)	n/a	0.179
Tonnes	14,629	3,135

Bench: S 3630*		
%Pb		2.50
%Zn	0.00	3.17
%Comb	0.00	5.66
Ag (g/t)	0	38
Au (g/t)	n/a	0.272
Tonnes	0	5,425

Bench: S 3550*		
%Pb		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

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Month Total		
%Pb	2.60	2.45
%Zn	3.60	2.96
%Comb	6.20	5.41
Ag (g/t)	40	35
Total Tonnes	120,729	29,460
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* Mined reserves calculated via PCMINE from benches being mined either too high (ie. Ore left on the 3630 mined on the 3610), or benches being mined too low (ie. Mining the 3590 bench too low).

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

L O W G R A D E (3-5%)

	Blast Holes	FB90B INTERPRETATION @ 95% RECOVERY
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BENCH S 3610		
%Pb	1.98	2.83
%Zn	2.36	1.86
%Comb	4.34	4.69
Ag (g/t)	26	22
Au (g/t)	n/a	0.147
Tonnes	12,267	25,390

Bench: S 3590		
%Pb	1.94	1.78
%Zn	2.57	2.05
%Comb	4.51	3.83
Ag (g/t)	37	24
Au (g/t)	n/a	0.175
Tonnes	59,787	41,710

Bench: S 3570		
%Pb	1.62	1.98
%Zn	2.54	2.62
%Comb	4.16	4.60
Ag (g/t)	34	32
Au (g/t)	n/a	0.191
Tonnes	13,410	2,140

Bench: S 3630*		
%Pb		1.54
%Zn	0.00	2.66
%Comb	0.00	4.20
Ag (g/t)	0	23
Au (g/t)	n/a	0.108
Tonnes	0	4,480

Bench: S 3550*		
%Pb		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

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Month Total		
%Pb	1.90	2.13
%Zn	2.53	2.04
%Comb	4.43	4.17
Ag (g/t)	35	24
AU (g/t)	n/a	0.162
Total Tonnes	85,464	73,720
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* Mined reserves calculated via PCMINE from benches being mined either too high (ie. Ore left on the 3630 mined on the 3610), or benches being mined too low (ie. Mining the 3590 bench too low).

CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT SUMMARY REPORT
SEPTEMBER 1989 MONTH END
(MILL FEED +5%)

	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
FB90B	492,509	3.98	5.51	55	19,581	27,137	26,857
Blast Holes	488,498	3.69	5.43	53	18,033	26,526	26,056
Truck Count	459,080						

<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>
FB90B	-0.8%	-7.1%	-1.4%	-2.2%	-7.9%	-2.3%	-3.0%

<u>Truck Count</u> vs:	
FB90B	-6.8%
Blast Holes	-6.0%

INVENTORY

<u>BROKEN IN PIT:</u>	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>
B 3750	113,000	3.32	5.48	35

Change

HIGH GRADE STOCKPILES:

COARSE	18,638	3.54	5.39	47	+15685
B	130,070	4.15	6.01	58	(36067)
M	124,021	2.82	3.63	40	+122578
	=====	=====	=====	=====	
Total Inventory:	272,726	3.37	4.89	49	
Broken	113,000	3.32	5.48	35	
Stockpile	272,726	3.37	4.89	49	
	=====	=====	=====	=====	
TOTAL	385,726	3.35	5.06	45	

CURRAGH RESOURCES INC.
 GEOLOGY DEPARTMENT SUMMARY REPORT
 SEPTEMBER 1989 MONTH END
 (LOW GRADE 3-5%)

	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
F8908	73,720	2.13	2.04	24	1,570	1,502	1,738
Blast Holes	85,464	1.90	2.53	35	1,621	2,166	2,987
Truck Count	93,130						

<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>
F8908	15.9%	-11.0%	24.4%	48.3%	3.2%	44.2%	71.9%

<u>Truck Count</u> vs:	
F8908	26.3%
Blast Holes	9.0%

INVENTORY

BROKEN IN PIT:

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>
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Change

LOW GRADE STOCKPILES:						
Lg "A" Stockpile	871,837	1.97	2.73	29		48,110
Lg "C" Stockpile	379,410	1.62	3.04	24		4,840
	=====	=====	=====	=====		
Total Inventory:						
Broken						
Stockpile	1,251,247	1.86	2.82	27		
	=====	=====	=====	=====		
TOTAL	1,251,247	1.86	2.82	27		

Curragh Resources Inc. Geology Department
Mill Feed By Blast Hole Assay
SEPTEMBER MONTH END 1989

	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>Ag g/t</u>
>5% S 3610/3590/3570	488,498	3.69	5.43	9.12	53
4-5% S 3610/3590/3570	85,464	1.90	2.53	4.43	35
Pit Total	573,962	3.42	5.00	8.42	50
To Lg Stpl	85,464	1.95	2.52	4.47	33
To Cr Stpl					
To B Stpl	367,769	4.05	6.03	10.08	58
To M Stpl	120,729	2.60	3.60	6.20	40
TOTAL: To Stockpiles	573,962	3.43	5.00	8.43	50
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	234,892	4.00	6.04	10.04	56
From M Sp	127,048	2.37	3.76	6.13	33
From Lg"A"	30,039	1.91	2.53	4.44	33
TOTAL PRIMARY FEED	391,979	3.31	5.03	8.34	47
To Coarse Ore S.P.	(17,919)	3.33	5.36	8.71	47
From Coarse Ore S.P.	1,305	3.54	5.39	8.93	48
SUB-TOTAL MILL FEED	375,365	3.31	5.02	8.33	47
DELTA FOB & COB	0	0.00	0	0.00	0
TOTAL MILL FEED	375,365	3.31	5.02	8.33	47

Reconciliation

	375,365	3.31	5.02	8.33	47
Met. Bal.	375,365	3.27	4.91	8.18	46
Forecast	375,000	3.46	4.89	8.35	45

% Variance

Blast Hole Calc. vs.					
Met. Bal.	0.00%	1.24%	2.19%	1.81%	1.20%
Forecast	0.10%	-4.32%	2.61%	-0.26%	3.92%

CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT REMAINING RESERVES SUMMARY

Grade Category	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/t
3-5%	4052920	4.06	1.52	2.54	21
5-6%	1875160	5.50	2.02	3.49	26
+6%	7980000	6.58	3.14	5.44	33
Total	13908080	6.55	2.52	4.34	29
@ 95% recovery	13212676	6.55	2.52	4.34	29