

May 1990

020021

GeologyProduction

High grade (+5%) blasthole production in Faro pit during May was 387,245 tonnes grading 3.20 percent Pb, 5.08 percent Zn (combined 8.28 percent). Total + 6 percent production was 283,504 tonnes grading 3.47 percent Pb, 5.78 percent Zn, (combined 9.25 %). The total millfeed by metallurgical balance was 408,238 tonnes grading 3.05 percent Pb, 4.98 percent Zn (combined 8.03%). The blasthole calculated mill feed was 439,745 tonnes grading 8.27 percent.

Ore for the month of May came from the "B" Phase on the 3470 bench, and the East phase on the 3730 and 3710 bench. Shovel production in ore blasts did not commence until May 18, at which time Shovel # 7 was moved from the East phase to 3470 sinking cut. East phase ore production was 79,435 tonnes grading 5.80 percent combined, and consisted predominately of massive sulphides. "B" phase ore production was 307,810 tonnes grading 8.93 percent combined, consisting of 75 percent massive sulphides and 25 percent quartzites.

Reconciliation - Blasthole vs. F9003 Model

High grade (+6 percent) by blasthole was 283,504 tonnes grading 9.25 percent Pb + Zn. F9003 Model calculations show 264,984 tonnes grading 8.08 percent Pb + Zn, 18,521 tonnes less than blastholes, grading 1.17 percent Pb + Zn less, which was expected in this part of the ore body. Medium grade (5 - 6 percent) by blasthole was 103,741 tonnes grading 5.65 percent Pb + Zn. Model calculations show 43,691 tonnes at 5.53 percent. The large difference (60,041 tonnes) occurred in the East phase from the 3730 and 3710 benches in the southern most portion. Blasthole indicated reserves show 79,435 tonnes grading 5.80 percent Pb+Zn, whereas the F9003 predicted 33,213 tonnes grading 3.75 percent Pb+Zn. Blasthole assays in this region showed a large varying distribution of grade

and can partially explain the model's shortfall. The ore recovered in this portion of the East phase appeared to be a large triangular fault block, bounded on the east by the "Big Indian Fault" and on the north by the "JB" fault. Subsequent diamond drilling in this region shows the ore continuing down and thickening from south to north. Low grade tonnage by blasthole was 14,052 grading, 3.57 percent Pb+Zn. Model calculations show 59,717 tonnes, again with the difference in the East phase. The "S" phase variance for low grade ore was only 461 tonnes.

Surface Diamond Drilling - Vangorda

During the month of May 8 holes were completed in the Faro Pit. A total of 1,861 feet was drilled with 102 samples being taken. The total estimated cost of drilling and sampling is €38,559.49. The eight Faro holes drilled are logged and sampled with assay results back for 4 holes.

The Vangorda drill program (Phase IIIC) completed 42 holes in the month of May. The 42 holes total 8,394 feet for a cost of \$193,292.49. In addition to drilling costs assay expenses for the month of May total \$11,00.75 (407 samples invoiced in May). As of May 31, 79 out of 86 holes have been logged, 69 out of 86 have sampled with 36 out of 49 having assay results.

The cost per foot at Faro including assaying was \$20.72 foot. Vangorda costs per foot for May totalled \$24.34 foot.

CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON
MAY 1990 MONTH END

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

	Blast Holes	F9003 INTERPRETATION @ 95% RECOVERY	Variance, BH vs F9003

Bench: S 3490			
%Pb	0.00	2.91	-2.91
%Zn	0.00	5.35	-5.35
%Comb	0.00	8.26	-8.26
* Ag (g/t)	0	23	-23
Au (g/t)	n/a	0.121	
Tonnes	0	71,193	(71,193)

Bench: S 3470			
%Pb	3.47	3.21	0.26
%Zn	5.78	4.80	0.98
%Comb	9.25	8.01	1.24
* Ag (g/t)	40	31	9
Au (g/t)	n/a	0.115	
Tonnes	283,504	189,991	93,514

Bench: S 3450			
%Pb	0.00	3.31	-3.31
%Zn	0.00	4.73	-4.73
%Comb	0.00	8.03	-8.03
* Ag (g/t)	0	31	-31
Au (g/t)	n/a	0.093	
Tonnes	0	3,800	(3,800)

Bench: E 3730			
%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
Au (g/t)	n/a	0.000	
Tonnes	0	0	0

Bench: E 3710			
%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
Au (g/t)	n/a	0.000	
Tonnes	0	0	0

Month Total			
%Pb	3.47	3.13	0.34
%Zn	5.78	4.95	0.83
%Comb	9.25	8.08	1.17
Ag (g/t)	40	29	11
Total Tonnes	283,504	264,984	18,521

* Ag assay is no longer done on blastholes. Number shown is estimated.

**CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT MINED RESERVES COMPARISON
MAY 1990 MONTH END**

M E D I U M G R A D E (3-6%)

	Blast Holes	F9003 INTERPRETATION @ 95% RECOVERY	Variance, BH vs F9003
BENCH: S 3490			
%Pb	0.00	1.67	-1.67
%Zn	0.00	3.80	-3.80
%Comb	0.00	5.47	-5.47
* Ag (g/t)	0	19	-19
Au (g/t)	n/a	0.172	
Tonnes	0	13,215	(13,215) -->
Bench: S 3470			
%Pb	2.27	2.31	-0.04
%Zn	2.88	3.24	-0.36
%Comb	5.15	5.55	-0.40
* Ag (g/t)	30	25	5
Au (g/t)	n/a	0.106	
Tonnes	24,306	30,372	(6,066) -->
Bench: S 3450			
%Pb	0.00	2.83	-2.83
%Zn	0.00	3.16	-3.16
%Comb	0.00	5.99	-5.99
* Ag (g/t)	0	28	-28
Au (g/t)	n/a	0.087	
Tonnes	0	105	(105) -->
Bench: E 3730			
%Pb	2.89	0.00	2.89
%Zn	3.74	0.00	3.74
%Comb	6.63	0.00	6.63
* Ag (g/t)	30	0	30
Au (g/t)	n/a	0.000	
Tonnes	38,148	0	38,148 -->
Bench: E 3710			
%Pb	2.21	0.00	2.21
%Zn	2.82	0.00	2.82
%Comb	5.03	0.00	5.03
* Ag (g/t)	30	0	30
Au (g/t)	n/a	0.000	
Tonnes	41,287	0	41,287 -->
Month Total			
%Pb	2.47	2.12	0.36
%Zn	3.17	3.41	-0.24
%Comb	5.65	5.53	0.12
Ag (g/t)	30	23	7
Total Tonnes	103,741	43,691	60,051

* Mined reserves calculated via PCMIN 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
MAY 1990 MONTH END

LOW GRADE (3-5%)

	Blast Holes	F9003 INTERPRETATION @ 95% RECOVERY	Variance, BH vs F9003	
BENCH B 3490				
%Pb	0.00	1.60	-1.60	
%Zn	0.00	2.49	-2.49	
%Comb	0.00	4.09	-4.09	
* Ag (g/t)	0	18	-18	
Au (g/t)	n/a	0.179		
Tonnes	0	13,490	(13,490)	-->
Bench: B 3470				
%Pb	1.64	1.84	-0.20	
%Zn	2.25	2.58	-0.33	
%Comb	3.89	4.43	-0.53	
* Ag (g/t)	25	22	3	
Au (g/t)	n/a	0.089		
Tonnes	12,554	13,015	(461)	-->
Bench: B 3450				
%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	
Au (g/t)	n/a	0.000		
Tonnes	0	0	0	-->
Bench: E 3730				
%Pb	1.55	1.79	-0.25	
%Zn	0.81	1.50	-0.69	
%Comb	2.36	3.29	-0.93	
* Ag (g/t)	15	42	-27	
Au (g/t)	n/a	0.164		
Tonnes	555	8,427	(7,872)	-->
Bench: E 3710				
%Pb	1.80	2.06	-0.26	
%Zn	1.27	1.83	-0.56	
%Comb	3.07	3.91	-0.84	
* Ag (g/t)	20	31	-11	
Au (g/t)	n/a	0.231		
Tonnes	943	24,786	(23,843)	-->
Month Total				
%Pb	1.52	1.02	0.51	
%Zn	2.05	1.34	0.71	
%Comb	3.57	2.35	1.22	
Ag (g/t)	23	15	8	
Au (g/t)	n/a	0.083		
Total Tonnes	14,052	59,717	(45,665)	

* Mined reserves calculated via PCMINI from benches being mined either too high (ie. Ore left on the 3630 mined on the 3610),

**CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT SUMMARY REPORT
MAY 1990 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 ka</u>
F9003	308,674	2.99	4.73	28	9,230	14,596	8,634
Blast Holes	387,245	3.20	5.08	37	12,404	19,678	14,452
Truck Count	323,145						

OX

<u>Blast Hole vs:</u>	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag ka</u>
F9003	25.5%	7.1%	7.5%	33.4%	34.4%	34.8%	67.4%

Truck Count vs:

F9003	4.7%
Blast Holes	-16.6%
Truck factor	152

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>
BROKEN IN PIT: S 3470 TOTAL BROKE AS OF JUNE 1	120,000	3.12	5.02	30

HIGH GRADE STOCKPILES: (survey calculations)

					<u>Change</u>
COARSE	72,470	3.17	5.06	35	17,021
CRUSHER HG & UNDRGRND	212,901	3.63	6.01	40	54,310
MEDIUM "M"	278,281	2.41	3.20	35	62,585
	=====	=====	=====	=====	
Total Inventory:	563,652	2.97	4.50	37	
Broken	120,000	3.12	5.02	30	
Stockpile	563,652	2.97	4.50	37	
	=====	=====	=====	=====	
TOTAL	683,652	2.99	4.59	36	

**CURRAGH RESOURCES INC.
GEOLOGY DEPARTMENT SUMMARY REPORT
MAY 1990 MONTH END
(LOW GRADE 3-5%)**

	<u>Grains</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTons</u>	<u>ZnTons</u>	<u>Ag kg</u>
F9003	59,717	1.02	1.34	15	606	798	878
Blast Holes	14,052	1.52	2.05	23	214	288	322
Truck Count	9,495						

<u>Blast Hole</u>	<u>Grains</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTons</u>	<u>ZnTons</u>	<u>Ag kg</u>
vs:							
F9003	-76.5%	30.1%	33.1%	55.9%	-64.7%	-64.0%	-63.3%
0%							

<u>Truck Count</u>	
vs:	
F9003	-84.1%
Blast Holes	-32.4%
Truck factor	188

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>
BROKEN IN PIT:				
NIL	8,722	1.82	2.19	25

Change

LOW GRADE STOCKFILES:				
Lg "A" Stockpile	949,742	1.96	2.70	28
Lg "C" Stockpile	400,740	1.62	3.02	24
Lg "L" Stockpile	217,935	1.77	2.04	28

Total Inventory:				
Broken	8,722	1.82	2.19	25
Stockpile	1,568,417	1.85	2.69	27

TOTAL	1,577,139	1.85	2.69	27

Curragh Resources Inc. Geology Department
Mill Feed By Blast Hole Assay
MAY 1990 MONTH END

	<u>Tonnes</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%Comb</u>	<u>AQ g/t</u>
>5% S 3470 E 3730/10	387,245	3.20	5.08	8.28	37
3-5% S 3470 E 3730/10	14,052	1.52	2.05	3.57	23
	=====	=====	=====	=====	=====
Pit Total	401,297	3.14	4.98	8.12	37
DATABASE					
To Cr Stpl	283,504	3.47	5.78	9.25	45
To M Stpl	103,741	2.47	3.16	5.63	30
To Lg Stpl	14,052	1.65	2.13	3.78	25
Undergrnd to Cr Stpl	41,539	4.53	6.57	11.10	66
TOTAL: To Stockpiles	442,836	3.28	5.12	8.40	43
UNADJUSTED TRUCK COUNT & GRADES (from stockpiles)					
From Crusher Sp	292,230	3.57	5.56	9.13	45
From M Sp	121,555	2.40	3.20	5.60	30
From Lg "A"	0	0.00	0.00	0.00	0
Undergrnd to Crusher	29,460	4.34	6.45	10.79	66
TOTAL PRIMARY FEED	443,245	3.30	4.97	8.27	42
To Coarse Ore S.P.	9,740	3.32	5.16	8.48	40
From Coarse Ore S.P.	6,240	3.16	5.05	8.21	40
* SUB-TOTAL MILL FEED	439,745	3.30	4.97	8.27	42
DELTA FOB & COB	0	0.00	0	0.00	0
TOTAL MILL FEED	439,745	3.30	4.97	8.27	42
Reconciliation					
Unadjusted Mill feed	439,745	3.30	4.97	8.27	42
Met. Bal.	408,238	3.05	4.98	8.03	40
Budget Forecast	401,760	3.33	5.25	8.58	38
% Variance					
Blast Hole Calc. vs.					
Met. Bal.	7.72%	8.13%	-0.22%	2.95%	6.63%
Forecast	9.45%	-0.96%	-5.35%	-3.65%	11.34%
* Mill feed reported by geology, grade by blasthole assay and tonnes calculated by using blasthole database grades and reported truck counts to primary crusher, and loader count to & from coarse ore SP.					

Curragh Resources Inc. Geology Department
Adjusted Mill Feed
MAY 1990 MONTH END

ADJUSTED TRUCK COUNT					
From Crusher Sp	274,355	3.57	5.56	9.13	45
From M Sp	98,040	2.40	3.20	5.60	30
From Lg "A"	0	0.00	0.00	0.00	0
Underground	39,343	4.34	6.45	10.79	66
TOTAL PRIMARY FEED	411,738	3.36	5.08	8.45	43
To Coarse Ore S.P.	9,740	3.32	5.16	8.48	40
From Coarse Ore S.P.	6,240	3.16	5.05	8.21	40
* SUB-TOTAL MILL FEED	408,238	3.36	5.08	8.44	43
DELTA FOB & COB	0	0.00	0	0.00	0
TOTAL MILL FEED	408,238	3.36	5.08	8.44	43
Reconciliation					
Adjusted Mill feed	408,238	3.36	5.08	8.44	43
Met. Bal.	408,238	3.05	4.98	8.03	40
Budget Forecast	401,760	3.33	5.25	8.68	38
% Variance					
Adjusted Blast Hole Calc. vs.					
Met. Bal.	-0.00%	10.26%	2.02%	5.15%	9.56%
Forecast	1.61%	0.99%	-3.22%	-1.59%	14.41%

* Mill feed tonnage ADJUSTED by geology, to reconcile to Month end actual reported by the mill, and reported on General Manager's Month end report.

CURRAGH RESOURCES INC.
F9003 GEOLOGICAL MODEL REMAINING RESERVES SUMMARY
MAY 1990 MONTH END

Grade Category	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/t
3-5%	3,386,310	4.07	1.45	2.62	17
5-6%	1,765,390	5.49	1.92	3.57	21
+6%	3,962,430	8.20	2.94	5.26	26
Total	9,114,130	6.14	2.19	3.95	22
@ 95% recovery	8,458,424	6.14	2.19	3.95	22
WASTE:	4,381,200				
SUL WASTE:	928,690				
TOTAL WASTE:	5,309,890				

MAY 1990 MONTH END
MONTH END SURFACE RECONCILIATION
BLASTHOLES VS. F9003 MODEL

	BLASTHOLES	F9003	DIFFERENCE
HIGH GRADE +6%			
Month Total			
%Pb	3.47	3.13	0.34
%Zn	5.78	4.95	0.83
%Comb	9.25	8.08	1.17
Ag (g/t)	40	29	11
Total Tonnes	283,504	264,984	18,521
MEDIUM GRADE 5-6%			
Month Total			
%Pb	2.47	2.12	0.36
%Zn	3.17	3.41	-0.24
%Comb	5.65	5.53	0.12
Ag (g/t)	30	23	7
Total Tonnes	103,741	43,691	60,051
LOW GRADE 3-5%			
Month Total			
%Pb	1.52	1.02	0.51
%Zn	2.05	1.34	0.71
%Comb	3.57	2.35	1.22
Ag (g/t)	23	15	8
Total Tonnes	14,052	59,717	(45,665)

REMARKS:

ORE MINED ON THE 3490 BENCH WAS INCLUDED IN LAST MONTH'S REPORT. BLASTHOLE ORE MINED, SHOWN ON THIS PAGE, IS FROM MAY 1/90 TO JUNE 1/90. FUTURE MONTHLY REPORTS WILL REFLECT TONNAGE MINED DURING THE ACTUAL DATES OF THE SURVEY PIT MONTH END PICKUPS TO MAINTAIN MORE ACCURATE RECONCILIATION.