

GEOLOGY DEPARTMENT MONTH END REPORT

JUNE 1987

Tonnage and grade of the reserves mined in June were accurately predicted by the undiluted FI model. Both the FI and F8608 models closely predicted total tonnes of high grade ore, however, the undiluted F8608 model significantly underestimated contained combined metal by 18,000 tonnes.

Since February 1987, undiluted model predictions have more accurately predicted actual grade. This is likely a result of lower dilution due to a lower percentage of pyrite waste in the benches mined during this period. Bulldozers have been successfully used to clean ore/phyllite contacts in areas where the geology has made this possible. This practice has contributed to lower non sulphide dilution.

A large proportion of the ore mined during June was mined from existing ramps, new ramps, and partial benches. 3510 and 3490 benches experienced water problems which required mining at intervals less than the twenty-foot bench interval. Blast hole volumes are calculated on the complete twenty-foot interval and reconciled to the current mining status of that bench. This is done to more accurately reflect actual tonnes of ore sent to the crusher and stockpiles during the month. Reconciled tonnages are compared to the metallurgical balance on the final page of this report.

An addition of approximately 5,000 tonnes of low grade was mined on 3550 bench because of phyllite dilution on the ore/waste contact. Truck reports indicate an additional 15,200 tonnes, however, it is believed that the bulk of this tonnage actually was mined from the 3530 bench and was reported to originate from the 3550 bench.

CURRAGH RESOURCES GEOLOGY DEPT. MINED RESERVES COMPARISON
 JUNE 1987 MONTH END

H I G H G R A D E

	Blast Holes	Computer Models		Truck count
		(FB608)	(F1)	
=====				
Bench: AY 3550				
%Pb	4.18	3.27	3.62	
%Zn	5.32	5.38	4.61	
%Comb	9.50	8.65	8.23	
Ag (g/t)	53	53	57	
Tonnes	28,607	20,090	20,150	39,540

Bench: AY 3530				
%Pb	4.94	4.12	3.89	
%Zn	5.56	5.22	5.55	
%Comb	10.50	9.34	9.44	
Ag (g/t)	69	65	58	
Tonnes	52,638	84,220	59,000	68,856

Bench: AY 3510				
%Pb	4.12	3.55	4.14	
%Zn	5.20	4.72	5.07	
%Comb	9.32	8.27	9.21	
Ag (g/t)	58	52	58	
Tonnes	214,139	191,840	213,200	212,268

Bench: AY 3490				
%Pb	4.16	3.73	4.19	
%Zn	4.88	4.56	5.37	
%Comb	9.04	8.29	9.56	
Ag (g/t)	59	56	60	
Tonnes	64,959	46,454	49,854	86,232
=====				
Month Total				
%Pb	4.26	3.72	4.09	
%Zn	5.19	4.83	5.23	
%Comb	9.45	8.55	9.32	
Ag (g/t)	59.39	55.80	58.22	
Total Tonnes	360,343	342,604	367,794	406,896
=====				

CURRAGH RESOURCES GEOLOGY DEPT. MINED RESERVES COMPARISON
JUNE 1987 MONTH END

H I G H G R A D E C O N T A I N E D M E T A L

	Blast Holes	Computer Models		Truck count
		(F8608)	(FI)	
=====				
Bench: AY 3550				
Pb tnns	1,196	657	729	
Zn tnns	1,522	1,081	929	
Comb tnns	2,718	1,738	1,658	
Ag Kg	1,516	1,065	1,149	
Ore Tonnes	28,607	20,090	20,150	39,540
=====				
Bench: AY 3530				
Pb tnns	2,600	3,470	3,291	
Zn tnns	2,927	4,396	4,695	
Comb tnns	5,527	7,866	7,985	
Ag Kg	3,632	5,474	4,906	
Ore Tonnes	52,638	84,220	84,590	68,856
=====				
Bench: AY 3510				
Pb tnns	8,823	6,810	8,826	
Zn tnns	11,135	9,055	10,809	
Comb tnns	19,958	15,865	19,636	
Ag Kg	12,420	9,976	12,366	
Ore Tonnes	214,139	191,840	213,200	212,268
=====				
Bench: AY 3490				
Pb tnns	2,702	1,733	2,089	
Zn tnns	3,170	2,118	2,677	
Comb tnns	5,872	3,851	4,766	
Ag Kg	3,833	2,601	2,991	
Ore Tonnes	64,959	46,454	49,854	86,232
=====				
Month Total				
Pb tnns	15,321	12,670	14,935	
Zn tnns	18,754	16,650	19,110	
Comb tnns	34,075	29,320	34,045	
Ag Kg	21,401	19,116	21,412	
Ore Tonnes	360,343	342,604	367,794	406,896
=====				

CURRAGH RESOURCES
GEOLOGY DEPARTMENT SUMMARY REPORT
JUNE 1987 MONTH END
(HIGH GRADE).

AY Phase	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
MODEL (F8608)	342,604	3.72	4.83	56	12,745	16,548	19,186
(F8608 DILUTED)	376,864	3.38	4.39	51	12,745	16,548	19,186
MODEL (FI)	367,794	4.09	5.24	58	15,043	19,272	21,332
(FI DILUTED)	404,573	3.72	4.76	53	15,043	19,272	21,332
BLAST HOLE	360,343	4.26	5.19	59	15,351	18,702	21,260
TRUCK COUNT	406,896						

% VARIANCE

	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
Blast Hole vs							
Model (F8608)	5.2%	14.5%	7.5%	5.4%	20.4%	13.0%	10.8%
(F8608 Diluted)	-4.4%	26.0%	18.2%	15.9%	20.4%	13.0%	10.8%
Model (FI)	-2.0%	4.2%	-1.0%	1.7%	-2.0%	-3.0%	-0.3%
(FI Diluted)	-10.9%	14.6%	9.0%	11.9%	2.0%	-3.0%	-0.3%
Truck Count vs							
(F8608 Diluted)	8.0%						
(FI Diluted)	0.6%						
Blast Hole	12.9%						

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t	Change
BROKEN IN PIT:					
Phase A; 3530	14,401	2.99	3.32	45	
3510	6,754	4.21	5.10	52	
3490	124,146	4.19	4.99	57	
STOCKPILE A:					
Ramp Zone Ore	6,000	4.57	4.46	45	
CRUSHER STOCKPILE:					
AY Ore	90,496	2.90	5.31	25	(105,181)
STOCKPILE B:	59,998	4.36	5.33	59	59,998
	=====	=====	=====	=====	
Total Inventory:					
Broken	145,301	4.07	4.83	56	
Stockpile	156,494	3.52	5.29	39	

CURRAGH RESOURCES GEOLOGY DEPT. MINED RESERVES COMPARISON
JUNE 1987 MONTH END

L O W G R A D E

	Blast Holes	Computer Models		Truck count
		(F8608)	(FI)	

Bench: AY 3550				
%Pb				
%Zn				
%Comb				
Ag (g/t)				
Tonnes	0	0	0	15,276

Bench: AY 3530				
%Pb	2.27		2.45	
%Zn	2.55		2.29	
%Comb	4.82		4.74	
Ag (g/t)	35		41	
Tonnes	12,766	0	20,100	10,140

Bench: AY 3510				
%Pb	2.05	1.56		
%Zn	2.41	3.13		
%Comb	4.46	4.69		
Ag (g/t)	27	25		
Tonnes	22,820	19,060	0	12,072

Bench: AY 3490				
%Pb		1.69		
%Zn		3.01		
%Comb		4.70		
Ag (g/t)		37		
Tonnes	0	4,970	0	1,716

Month Total				
%Pb	2.13	2.00	2.45	
%Zn	2.46	3.11	2.29	
%Comb	4.59	4.69	4.74	
Ag (g/t)	29.87	27.48	41.00	
Total Tonnes	35,586	24,030	20,100	39,204

CURRAGH RESOURCES GEOLOGY DEPT. MINED RESERVES COMPARISON
JUNE 1987 MONTH END

L O W G R A D E C O N T A I N E D M E T A L

	Blast Holes	Computer Models		Truck count
		(F8608)	(FI)	
=====				
Bench: AY 3550				
Pb tnns	0	0	0	
Zn tnns	0	0	0	
Comb tnns	0	0	0	
Ag Kg	0	0	0	
Ore Tonnes	0	0	0	15,276
=====				
Bench: AY 3530				
Pb tnns	290	0	492	
Zn tnns	326	0	460	
Comb tnns	615	0	953	
Ag Kg	447	0	824	
Ore Tonnes	12,766	0	20,100	10,140
=====				
Bench: AY 3510				
Pb tnns	468	297	0	
Zn tnns	550	597	0	
Comb tnns	1,018	894	0	
Ag Kg	616	477	0	
Ore Tonnes	22,820	19,060	0	12,072
=====				
Bench: AY 3490				
Pb tnns	0	84	0	
Zn tnns	0	150	0	
Comb tnns	0	234	0	
Ag Kg	0	184	0	
Ore Tonnes	0	4,970	0	37,488
=====				
Month Total				
Pb tnns	758	381	492	
Zn tnns	875	746	460	
Comb tnns	1,633	1,128	953	
Ag Kg	1,063	660	824	
Ore Tonnes	35,586	24,030	20,100	74,976
=====				

CURRAGH RESOURCES
GEOLOGY DEPARTMENT SUMMARY REPORT
JUNE 1987 MONTH END
(LOW GRADE)

AY Phase	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
MODEL (F8608)	24,030	2.00	3.11	27	481	747	649
(F8608 DILUTED)	26,433	1.82	2.83	25	481	747	649
MODEL (FI)	20,100	2.45	2.29	41	492	460	824
(FI DILUTED)	22,110	2.23	2.08	37	492	460	824
BLAST HOLE	35,586	2.13	2.46	30	758	875	1,068
TRUCK COUNT	39,204						

% VARIANCE

	<u>OreTns</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>PbTns</u>	<u>ZnTns</u>	<u>Ag kg</u>
Blast Hole vs Model (F8608)	48.1%	6.5%	-20.9%	11.1%	57.7%	17.1%	64.5%
(F8608 Diluted)	34.6%	17.2%	-13.0%	22.2%	57.7%	17.1%	64.5%
Model (FI)	77.0%	-13.1%	7.4%	-26.8%	53.9%	90.2%	29.5%
(FI Diluted)	60.9%	-4.4%	18.2%	-19.5%	53.9%	90.2%	29.5%
Truck Count vs (F8608 Diluted)	48.3%						
(FI Diluted)	77.3%						
Blast Hole	10.2%						

INVENTORY

	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag g/t</u>	<u>Change</u>
BROKEN IN PIT:					
Ay 3490	5,367	2.20	2.23	23	
STOCKPILE A:					
Non graphitic ore:	338,467	1.99	2.62	27	35,586
STOCKPILE C					
Graphitic ore:	236,945	1.20	3.60	19	nil
STOCKPILE B:					
	=====	=====	=====	=====	
Total Inventory:					
Broken	5,367	2.20	2.23	23	
Stockpile	575,412	1.66	3.02	24	

Curragh Resources Geology Department
 Primary Crusher Feed By Blast Hole Assay
 June 1 to 30 1987

<u>PHASE/S.P.</u>	<u>TONNES</u>	<u>%Pb</u>	<u>%Zn</u>	<u>%COMB</u>	<u>Ag g/t</u>
AY 3550	28,607	4.18	5.32	8.56	53
AY 3530	52,638	4.94	5.56	10.50	69
* AY 3510	* 182,018	4.06	5.21	9.27	55
AY 3490	64,959	4.20	4.89	9.09	59
	=====	=====	=====	=====	=====
TOTAL	328,222	4.24	5.21	9.45	58
To Sp B	- 59,998	4.36	5.33	9.69	59

Pit Feed	268,224	4.21	5.19	9.17	58
Cr Sp Feed	+ 105,181	2.90	5.31	8.21	25

Total Feed	373,405	3.84	5.22	9.06	49

Mill Head Reconciliation

Met. Bal.	374,084	3.62	5.26	8.88	44
Pb Rougher Daily Comp.	374,084	3.68	5.29	8.97	45
% VARIANCE (vs.met bal)		6.15%	-0.74%	2.07%	10.69%
% VARIANCE (Pb Rough.)		4.42%	-1.30%	1.04%	8.23%

* Tonnage mined from this bench in June was reconciled to compensate for an average bench height of 17 feet