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CURRAGH RESOURCES
GEOLOGY DEPARTMENT REPORT
YEAR END 1986
to Nov 30 1986

006672

The majority of the ore came from the JB Phase where model comparisons vary by bench with the blast hole results. Actual low grade; however, was consistently higher in all phases. High grade tonnage diminished on the lower benches earlier than expected. This is a result of the basal portion of the orebody appearing in the southwest section of the JB Phase two benches higher than expected. This error in geologic interpretation is most likely due to an erroneous survey of DDH 66E-05. 3710 bench (JB) shows this tonnage loss.

Phase AY showed substantial gains in both high and low grade ore over the model. This has offset the loss of tonnage from the JB pit.

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COMPARISON OF TOTAL TONNES OF METAL MINED BY BENCH

	BLAST HOLE ASSAY						COMPUTER MODEL PREDICTION					
BENCH	HIGH GRADE			LOW GRADE			HIGH GRADE			LOW GRADE		
	Pb.(t.)	Zn.(t.)	Ag.(Kg.)	Pb.(t.)	Zn.(t.)	Ag.(Kg.)	Pb.(t.)	Zn.(t.)	Ag.(Kg.)	Pb.(t.)	Zn.(t.)	Ag.(Kg.)
RAMP ZONE												
3950	3,375	2,975	N/A									
3930	2,999	3,247	N/A	216	369	N/A						
3910	1,486	1,548	N/A	494	761	N/A						
TOTAL	7,859	7,770	N/A	710	1,130	N/A	N/A	N/A	N/A	N/A	N/A	N/A
JB PHASE												
3890	1,370	2,076	0	0	0	0	1,060	1,431	1,542	0	0	0
3870	672	1,080	0	134	254	0	319	480	462	107	143	167
3850	712	1,132	0	101	210	0	1,970	3,476	2,366	166	285	277
3830	2,286	3,695	0	416	481	0	3,025	4,978	3,876	170	237	264
3810	3,185	4,403	0	387	514	0	3,269	5,270	4,336	386	675	804
3790	6,341	9,105	0	112	153	0	5,032	8,383	6,218	190	446	391
3770	5,940	9,640	7,616	584	930	829	6,324	10,373	9,060	175	548	364
3750	6,477	9,579	8,955	1,171	1,961	1,777	6,983	11,076	9,786	391	771	907
3730	7,807	12,168	10,967	1,653	2,761	2,811	7,116	11,829	8,633	187	386	369
3710	3,412	5,320	4,395	854	1,516	1,580	6,198	10,452	8,005	328	369	530
TOTAL	38,202	58,199	N/A	5,414	8,780	N/A	41,295	67,748	54,284	2,099	3,860	4,072
AY PHASE												
3750	0	0	0	0	0	0	202	185	327	0	0	0
3730	235	448	369	21	34	44	411	504	630	0	0	0
3710	3,532	5,525	4,922	319	687	525	2,428	3,434	3,699	82	137	110
3690	2,930	5,406	3,488	446	758	638	2,256	3,392	3,077	628	851	844
TOTAL	6,696	11,379	8,778	787	1,479	1,206	5,298	7,514	7,732	710	987	954
MONTH TOTAL	52,757	77,348	N/A	6,910	11,389	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CURRAGH RESOURCES
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(HIGH GRADE)

AY, JB Phases	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
MODEL	1,395,440	3.34	5.39	44	46,608	75,214	61,399
MODEL(DILUTED)	1,534,984	3.04	4.90	40	46,608	75,214	61,399
BLAST HOLE*	1,513,637	3.00	4.60	n/a	45,409	69,627	n/a

* VARIANCE

	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
Blast Hole vs Model	8.5%	-10.2%	-14.7%	n/a	-2.6%	-7.4%	n/a
Model(Diluted)#	-1.4%	-1.2%	-6.1%	n/a	-2.6%	-7.4%	n/a

Model Dilution Factor: 10% Dilution with dilutant of 0% grade

* Excluding ramp zone for model comparisons

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT:				
Phase A;	0			
JB Zone; 3710	48,800	3.02	4.98	34
Ramp Zone;	MINED OUT			
STOCKPILE A:				
Ramp Zone Ore	10,032	4.57	4.46	n/a
CRUSHER STOCKPILE:				
JB, AY Ore	42,206	3.20	4.56	40
STOCKPILE B:				
	=======	====	====	====
Total Inventory:				
Broken	48,800	3.02	4.98	34
Stockpile	52,238	3.46	4.54	n/a

CURRAGH RESOURCES
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YEAR END 1986
(LOW GRADE)

AY, JB Phases	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
MODEL	166,140	1.69	2.92	30	2,808	4,851	4,984
MODEL(DILUTED)	182,754	1.54	2.65	27	2,808	4,851	4,984
BLAST HOLE	342,426	1.81	3.00	n/a	6,198	10,273	n/a

* VARIANCE

	OreTns	%Pb	%Zn	Ag g/t	PbTns	ZnTns	Ag kg
Blast Hole vs							
Model	106.1%	7.1%	2.7%	n/a	120.7%	111.8%	n/a
Model(Diluted)	87.4%	17.8%	13.0%	n/a	120.7%	111.8%	n/a

* excluding ramp zone for model comparisons

INVENTORY

	TONNES	%Pb	%Zn	Ag g/t
BROKEN IN PIT:				
Phase A;	0			
JB Zone; 3710	15,200	1.74	3.08	33
Ramp Zone;	mined out			
LOW GRADE STOCKPILES:				
	342,426	1.81	3.00	n/a
	=======	====	====	====
Total Inventory:				
Broken	15,200	1.74	3.08	33
Stockpile	342,426	1.81	3.00	N/A

CURRAGH RESOURCES GEOLOGY DEPARTMENT YEAR END FOR 1986
TONNAGE AND GRADE COMPARISON (MINED ORE) BY BENCH

	BLAST HOLE ASSAY									COMPUTER MODEL PREDICTION									
BENCH	HIGH GRADE (tonnes)	%Pb.	%Zn.	%COMB.	Ag.g/t	LOW GRADE (tonnes)	%Pb.	%Zn.	%COMB.	Ag. (g/t)	HIGH GRADE (tonnes)	%Pb.	%Zn.	%COMB.	Ag.g/t	LOW GRADE (tonnes)	%Pb.	%Zn.	%COMB.	Ag.g/t
RAMP ZONE																				
3950*	66,560	5.07	4.47	9.54																
3930*	72,960	4.11	4.45	8.56		12,800	1.69	2.88	4.57		N/A					N/A				
3910*	34,560	4.30	4.48	8.78		24,320	2.03	3.13	5.16											
TOTAL	174,080	4.51	4.46	8.98	N/A	37,120	1.91	3.04	4.96	N/A										
JB PHASE																				
3890*	44,180	3.10	4.70	7.80							28,560	3.71	5.01	8.72	54					
3870*	20,378	3.30	5.30	8.60		8,333	1.61	3.05	4.66		10,050	3.17	4.78	7.95	46	4,500	2.37	3.18	5.55	37
3850*	29,549	2.41	3.83	6.24		7,140	1.42	2.94	4.36		45,500	4.33	7.64	11.97	52	8,950	1.85	3.18	5.03	31
3830*	81,920	2.79	4.51	7.30		19,627	2.12	2.45	4.57		76,000	3.98	6.55	10.53	51	8,250	2.06	2.87	4.93	32
3810*	99,840	3.19	4.41	7.60		20,480	1.89	2.51	4.40		83,390	3.92	6.32	10.24	52	22,970	1.68	2.94	4.62	35
3790	184,320	3.44	4.94	8.38		5,760	1.94	2.66	4.60		115,150	4.37	7.28	11.65	54	13,950	1.36	3.20	4.56	28
3770	217,600	2.73	4.43	7.16	35	34,560	1.69	2.69	4.38	24	184,900	3.42	5.61	9.03	49	16,550	1.06	3.31	4.37	22
3750	208,249	3.11	4.60	7.71	43	65,813	1.78	2.98	4.76	27	222,400	3.14	4.98	8.12	44	25,200	1.55	3.06	4.61	36
3730	261,111	2.99	4.66	7.65	42	82,667	2.00	3.34	5.34	34	233,320	3.05	5.07	8.12	37	12,290	1.52	3.14	4.66	30
3710	115,662	2.95	4.60	7.55	38	49,378	1.73	3.07	4.80	32	228,710	2.71	4.57	7.28	35	14,710	2.23	2.51	4.74	36
TOTAL	1,262,809	3.03	4.61	7.63	N/A	293,758	1.84	2.99	4.83	N/A	1,227,980	3.36	5.52	8.88	44	127,370	1.65	3.03	4.68	32
AY PHASE																				
3750											(3,110	6.50	5.94	12.44	105					
3730#	11,520	2.04	3.89	5.93	32	1,280	1.63	2.69	4.32	34	10,680	3.85	4.72	8.57	59	) +6% no dilution				
3710	123,056	2.87	4.49	7.36	40	21,875	1.46	3.14	4.60	24	80,410	3.02	4.27	7.29	46	5,020	1.64	2.72	4.36	22
3690	116,252	2.52	4.65	7.17	30	25,513	1.75	2.97	4.72	25	73,260	3.08	4.63	7.71	42	33,750	1.86	2.52	4.38	25
TOTAL	250,828	2.67	4.54	7.21	35	48,668	1.62	3.04	4.66	25	167,460	3.16	4.49	7.65	46	38,770	1.83	2.55	4.38	25
YEAR TOTAL	1,687,717	3.13	4.58	7.71	N/A	379,546	1.82	3.00	4.82	N/A	1,395,440	3.34	5.39	8.73	44	166,140	1.69	2.92	4.61	30

F8608 +5% no dilution

3480 3.97 5.87 79.0
34880 4.08 5.01 70.3
65250 3.58 4.39 52.6
122570 2.93 4.79 39.7

226180 3.31 4.73 48.7

248798 3.01 4.30 44.3
w 10% dilution at 0%

~~8.04~~

7.31

7,21

* Denotes benches mined at a 6% combined Pb Zn cut-off grade.

\# Includes ore mined from 3750 since 3730 was mined on a 40 foot lift.

Tot JB +4% 1,556,567 7.01% Pb+Zn