

CURRAGH RESOURCES INC. - STARTING GEOLOGICAL RESERVES - JANUARY 1, 1989

C. Reed
February 2, 1989

000434

CLASS	CUT-OFF	VOLUME	DENSITY	TONNES	Pb+Zn	Pb	Zn	Ag	Au	Method	Model	Model	Source	SG	Top	Bottom	
	%Pb+Zn	bcw#1000	tns/bcw	tns#1000	%	%	%	g/tn	g/tn		Name	Date	#	Reduction	Surface	Surface	
ANVIL DISTRICT:																	
FARD																	
Zone 3 Only	Proven	4.00	4,261	3.83	16,339	8.26	3.08	5.18	35.2	0.13	3D Block (1/d2)	F8805	May/88	7	NO	Dec 31/88 Pit	Model limit
SW Underground	Probable	9.00	675	3.90	2,610	12.80	5.04	7.76	67.9	NA	Polygonal	NA	Feb/87	2	NO	NA	NA
Total deposit		NA	4,936	3.84	18,949	8.89	3.35	5.53	39.7	NA							
GRUM																	
Main Zone (61W-87W)	Proven	4.00	8,971	3.59	32,181	9.01	3.41	5.60	57.3	0.95	3D Block (1/d2)	68606	May/87	8	NO	Topo 1979	Model limit
Champ Zone (51W-61)	Probable	4.00	NA	NA	1,700	7.80	3.50	4.30	46.0	NA			9				
NW Extension (87W-100W)	Possible	NA	NA	NA	8,000	10.00	NA	NA	NA	NA			10				
Total Deposit (51W-100W)	NA	NA	NA	NA	41,881	9.15	NA	NA	NA	NA							
VANGORDA																	
Total Deposit	Proven	4.00	2,122	3.85	8,161	8.67	3.79	4.88	54.0	0.76	3D Block (1/d2)	V8803	March/88	11	NO	Topo 1979	Model limit
DY																	
Total Deposit	Probable	9.00	5,297	3.98	21,059	12.20	5.54	6.74	83.8	0.95	Polygonal	NA	May/88	17			
SWIM																	
Total Deposit	Probable	4.00	1,353	3.79	5,130	7.90	3.50	4.40	47.0	NA	Polygonal	NA	March/88	5	NO	NA	NA
AKIE DISTRICT																	
CIRQUE																	
Main Cirque Zone	Probable	0.00	NA	NA	34,549	9.97	2.15	7.82	47.0	NA	Sectional	NA	1986	12	NO	NA	NA
South Cirque	Possible	0.00	NA	NA	15,453	8.26	1.40	6.87	31.3	NA	Sectional	NA	1986	6	NO	NA	NA
Total Deposit	NA	NA	NA	NA	50,002	9.44	1.92	7.53	42.1	NA							

SOURCES

- #2 Kilborn Limited (February 1987); Fard Underground Mining, page 6-3.
- #5 Vintila, I. (March 1988); Preliminary Open Pit Reserve Evaluation For The Swim Deposit, page 5.
- #6 Kilborn Limited/ Cyprus Anvil Mining Corp. (1986); Cirque Project Development Plan", page 2-13.
- #7 Reed, C. (January 1989); F8805 3D block computer model in-situ mining reserve calculation, Curragh Resources Inc. in-house report.
- #8 Jilson, B. & Clark P. I. (1986), 68606 3D computer block model calculation, Curragh Resources Inc. in-house report.
- #9 Po, A.Y. (1978); sectional calculation in Sirola (1977) Grum Joint Venture Mineral Inventory (revised 1978); Kerr-Addison.
- #10 Jilson, B. (1984); Estimate of tonnage based on extrapolation of sections to the NW of main deposit; Curragh Resources Inc.
- #11 Pigage, L. (1988); Vangorda V8803 3D block computer model calculation, in-house report, Curragh Resources Inc.
- #12 Pigage, L. (1986); Spreadsheet recalculation of Cyprus Anvil unfaulted interpretation, Curragh Resources Inc. in-house report.
- #17 Rollings, R.W. (1982); Reserve Summary, Cyprus Anvil Mining Corporation in-house report.