

PC-MINE VERSION 1.20
 SERIAL NO : 20320
 22/11/1990

CURRAGH RESOURCES
 Grum G9009 - (Simpson/Adamson interp.) 6 metre bench

SOFTWARE BY GEMCOM SERVICES INC
 MODULE 3.11
 PAGE 1

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves - Main Zone - Start-up of Mining

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1335.00 [m]
 BOTTOM ELEVATION : 975.00 [m]

SURFACE GRID RECORD : 2 SURFACE TOPOGRAPHY (GEOMODEL - R and C)
 BENCHES USED :
 BENCH 1 TO 60
 BLOCKS USED :
 COLUMNS 1 TO 127 ROWS 19 TO 72

INCREMENTAL RESULTS

| CUT-OFF GRADES | | VOLUME [bcm x1000] | DENSITY [tn/bcm] | TONNAGE [TONS x1000] | AVERAGE GRADES | | | | |
|------------------|----------------|-----------------------|---------------------|--------------------------|----------------|--------|--------|----------|----------|
| FROM [%Pb+Zn] | TO [%Pb+Zn] | | | | [%Pb+Zn] | [%Pb] | [%Zn] | [Ag g/t] | [Au g/t] |
| 6.000 | 50.000 | 5681.06 | 3.510 | 19938.45 | 9.309 | 3.519 | 5.790 | 54.474 | .915 |
| 5.000 | 6.000 | 1661.11 | 3.112 | 5169.73 | 5.501 | 2.060 | 3.441 | 31.492 | .627 |
| 4.000 | 5.000 | 1670.82 | 3.074 | 5136.08 | 4.504 | 1.737 | 2.767 | 27.431 | .594 |
| 3.000 | 4.000 | 1165.90 | 3.147 | 3669.21 | 3.532 | 1.436 | 2.096 | 22.044 | .608 |
| .010 | 3.000 | 917.60 | 3.174 | 2912.12 | 2.200 | .928 | 1.272 | 14.168 | .566 |
| .000 | .010 | 243089.00 | 2.662 | 647003.80 | .000 | .000 | .000 | .000 | .000 |
| TOTAL | | 254185.50 | 2.690 | 683829.40 | .375 | .143 | .232 | 2.21 | .042 |

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BENCH 1 TO 60
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COLUMNS 1 TO 127 ROWS 19 TO 72

CUMULATIVE RESULTS

| CUT-OFF GRADES | | VOLUME [bcm x1000] | DENSITY [tn/bcm] | TONNAGE [TONS x1000] | AVERAGE GRADES | | | | |
|------------------|----------------|-----------------------|---------------------|--------------------------|----------------|--------|--------|----------|----------|
| FROM [%Pb+Zn] | TO [%Pb+Zn] | | | | [%Pb+Zn] | [%Pb] | [%Zn] | [Ag g/t] | [Au g/t] |
| 6.000 | 50.000 | 5681.06 | 3.510 | 19938.45 | 9.309 | 3.519 | 5.790 | 54.474 | .915 |
| 5.000 | 6.000 | 7342.16 | 3.420 | 25108.18 | 8.525 | 3.219 | 5.307 | 49.742 | .856 |
| 4.000 | 5.000 | 9012.98 | 3.356 | 30244.26 | 7.842 | 2.967 | 4.875 | 45.953 | .811 |
| 3.000 | 4.000 | 10178.88 | 3.332 | 33913.47 | 7.376 | 2.801 | 4.575 | 43.366 | .789 |
| .010 | 3.000 | 11096.47 | 3.319 | 36825.59 | 6.967 | 2.653 | 4.313 | 41.057 | .772 |
| .000 | .010 | 254185.50 | 2.690 | 683829.40 | .375 | .143 | .232 | 2.211 | .042 |
| .000 | 99999.000 | 254185.50 | 2.690 | 683829.40 | .375 | .143 | .232 | 2.211 | .042 |
| TOTAL | | 254185.50 | 2.690 | 683829.40 | .375 | .143 | .232 | 2.21 | .042 |