

FI model geologic reserves @ 4% & 5% d/s

019939

PC-MINE VERSION 1.10
SERIAL NO : 20320
21/10/1986

Curragh Resources
Faro Deposit (FI Model Data)

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.12
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geologic reserves, FI model

SURFACE GRID RECORD : 1 FARD PIT SURFACE AT START-UP OF MINING
 BENCH TOTALS FOR WASTE FROM .0000 [%Pb+Zn] TO 4.0000 [%Pb+Zn]

BENCH	CREST		VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
	[ft] [ft				[bcf	[tn/bcf]	[TONS x1000]	[%Pb+Zn]	[%Pb]
1	4270.00	4230.00	86120.00	.076	6545.12	.000	.000	.000	.000	.000
2	4230.00	4190.00	123505.00	.076	9386.38	.000	.000	.000	.000	.000
3	4190.00	4150.00	144730.00	.076	10999.48	.000	.000	.000	.000	.000
4	4150.00	4110.00	171945.40	.076	13067.82	.000	.000	.000	.000	.000
5	4110.00	4070.00	202190.00	.076	15366.44	.000	.000	.000	.000	.000
6	4070.00	4030.00	228500.10	.076	17366.00	.000	.000	.000	.000	.000
7	4030.00	3990.00	291580.40	.076	22160.27	.000	.000	.000	.000	.000
8	3990.00	3950.00	442718.20	.076	33647.14	.000	.000	.000	.000	.000
9	3950.00	3910.00	619578.10	.076	47089.99	.000	.000	.000	.000	.000
10	3910.00	3890.00	343903.70	.076	26137.96	.002	.001	.001	.014	.000
11	3890.00	3870.00	356143.70	.076	27068.46	.003	.001	.002	.023	.000
12	3870.00	3850.00	391855.60	.076	29785.57	.005	.002	.003	.040	.000
13	3850.00	3830.00	397896.10	.076	30243.10	.005	.002	.003	.037	.000
14	3830.00	3810.00	402319.60	.076	30580.25	.005	.002	.003	.039	.000
15	3810.00	3790.00	406475.80	.076	30895.57	.001	.000	.001	.009	.000
16	3790.00	3770.00	409819.80	.076	31150.99	.005	.002	.004	.039	.001
17	3770.00	3750.00	413146.20	.076	31403.37	.002	.001	.001	.014	.000
18	3750.00	3730.00	416085.30	.076	31628.55	.006	.002	.003	.045	.001
19	3730.00	3710.00	418242.10	.076	31791.53	.003	.001	.002	.027	.000
20	3710.00	3690.00	423103.00	.076	32185.53	.014	.005	.008	.096	.001
21	3690.00	3670.00	427269.20	.076	32503.61	.018	.006	.012	.127	.001
22	3670.00	3650.00	430633.20	.076	32762.87	.022	.008	.014	.140	.001
23	3650.00	3630.00	431612.80	.076	32850.09	.019	.007	.012	.112	.001
24	3630.00	3610.00	434184.40	.076	33060.63	.025	.010	.015	.242	.002
25	3610.00	3590.00	437076.00	.076	33301.00	.033	.013	.020	.262	.002
26	3590.00	3570.00	439695.20	.076	33568.85	.058	.021	.036	.363	.003
27	3570.00	3550.00	435596.50	.076	33218.90	.044	.016	.028	.298	.002
28	3550.00	3530.00	430848.00	.077	32979.70	.042	.015	.027	.237	.002
29	3530.00	3510.00	427549.10	.076	32637.75	.064	.024	.040	.406	.002
30	3510.00	3490.00	425799.60	.076	32531.50	.078	.029	.050	.440	.002
31	3490.00	3470.00	423650.30	.076	32308.60	.063	.023	.040	.382	.003
32	3470.00	3450.00	426749.30	.076	32508.95	.054	.019	.035	.286	.002
33	3450.00	3430.00	432247.60	.076	32920.45	.056	.019	.037	.327	.001
34	3430.00	3410.00	433797.10	.076	33025.50	.038	.014	.025	.255	.001
35	3410.00	3390.00	437745.80	.076	33306.45	.036	.012	.024	.233	.001
36	3390.00	3370.00	441094.70	.076	33536.90	.034	.011	.023	.213	.000
37	3370.00	3350.00	442494.30	.076	33636.95	.019	.006	.013	.162	.000
38	3350.00	3330.00	445443.30	.076	33856.10	.018	.006	.012	.177	.000
39	3330.00	3310.00	447142.80	.076	33984.80	.002	.001	.001	.019	.000
40	3310.00	3290.00	448392.40	.076	34079.30	.000	.000	.000	.000	.000
TOTAL FOR ALL BENCHES			15388880.00	.076	1171078.00	.022	.008	.014	.142	.001

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geologic reserves, FI model

SURFACE GRID RECORD : 1 FARD PIT SURFACE AT START-UP OF MINING
 BENCH TOTALS FOR STOCKPILE FROM 4.0000 [%Pb+Zn] TO 5.0000 [%Pb+Zn]

BENCH	CREST		VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
	[ft]	[ft]				[bcf x1000]	[tn/bcf]	[TONS x1000]	[%Pb+Zn]	[%Pb]
1	4270.00	4230.00	.00	.000	.00	.000	.000	.000	.000	.000
2	4230.00	4190.00	.00	.000	.00	.000	.000	.000	.000	.000
3	4190.00	4150.00	.00	.000	.00	.000	.000	.000	.000	.000
4	4150.00	4110.00	.00	.000	.00	.000	.000	.000	.000	.000
5	4110.00	4070.00	.00	.000	.00	.000	.000	.000	.000	.000
6	4070.00	4030.00	.00	.000	.00	.000	.000	.000	.000	.000
7	4030.00	3990.00	.00	.000	.00	.000	.000	.000	.000	.000
8	3990.00	3950.00	.00	.000	.00	.000	.000	.000	.000	.000
9	3950.00	3910.00	.00	.000	.00	.000	.000	.000	.000	.000
10	3910.00	3890.00	.00	.000	.00	.000	.000	.000	.000	.000
11	3890.00	3870.00	.00	.000	.00	.000	.000	.000	.000	.000
12	3870.00	3850.00	200.00	.079	15.80	4.437	1.861	2.578	34.655	.292
13	3850.00	3830.00	50.00	.082	4.10	4.340	1.860	2.480	31.000	.160
14	3830.00	3810.00	300.00	.082	24.50	4.234	1.482	2.753	28.380	.245
15	3810.00	3790.00	650.00	.081	52.85	4.406	1.613	2.794	32.295	.258
16	3790.00	3770.00	450.00	.083	37.15	4.458	1.447	3.011	29.958	.252
17	3770.00	3750.00	400.00	.080	32.00	4.537	1.565	2.974	34.358	.311
18	3750.00	3730.00	550.00	.087	48.00	4.470	1.770	2.702	31.132	.352
19	3730.00	3710.00	907.50	.098	89.17	4.629	2.159	2.470	33.817	.450
20	3710.00	3690.00	550.00	.099	54.60	4.351	1.839	2.514	26.309	.124
21	3690.00	3670.00	750.00	.097	72.60	4.481	1.774	2.708	24.424	.156
22	3670.00	3650.00	1100.00	.096	105.50	4.603	1.870	2.734	27.093	.172
23	3650.00	3630.00	1950.00	.097	189.25	4.507	1.655	2.853	22.996	.202
24	3630.00	3610.00	1250.00	.091	114.35	4.488	1.455	3.036	18.748	.113
25	3610.00	3590.00	2200.00	.091	199.75	4.505	1.746	2.759	29.288	.154
26	3590.00	3570.00	2050.00	.092	188.55	4.401	1.730	2.672	27.037	.136
27	3570.00	3550.00	2650.00	.094	248.25	4.540	1.740	2.802	26.969	.098
28	3550.00	3530.00	2450.00	.101	247.05	4.558	1.790	2.769	25.017	.112
29	3530.00	3510.00	4050.00	.092	374.05	4.509	1.801	2.709	26.614	.105
30	3510.00	3490.00	3100.00	.091	283.00	4.490	1.754	2.737	27.607	.119
31	3490.00	3470.00	2400.00	.093	222.60	4.515	1.787	2.729	27.313	.150
32	3470.00	3450.00	3150.00	.091	285.95	4.607	2.063	2.545	36.490	.112
33	3450.00	3430.00	2600.00	.091	236.70	4.510	1.645	2.867	26.824	.083
34	3430.00	3410.00	2750.00	.091	249.40	4.445	1.472	2.974	22.359	.085
35	3410.00	3390.00	1800.00	.085	153.40	4.363	1.438	2.926	26.558	.107
36	3390.00	3370.00	1100.00	.086	94.15	4.459	1.471	2.990	26.792	.060
37	3370.00	3350.00	1250.00	.079	99.35	4.377	1.363	3.016	24.591	.027
38	3350.00	3330.00	500.00	.079	39.25	4.369	1.551	2.819	33.531	.193
39	3330.00	3310.00	50.00	.083	4.15	4.850	1.550	3.310	25.000	.000
40	3310.00	3290.00	50.00	.084	4.20	4.760	1.590	3.180	17.000	.000
TOTAL FOR ALL BENCHES			41257.50	.091	3769.67	4.497	1.718	2.780	27.303	.135

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geologic reserves, FI model

SURFACE GRID RECORD : 1 FARD PIT SURFACE AT START-UP OF MINING
 BENCH TOTALS FOR ORE ABOVE 5.0000 [%Pb+Zn]

BENCH	CREST		VOLUME	DENSITY	TONNAGE	AVERAGE GRADES					
	[ft] [ft				[bcf	x1000]	[tn/bcf]	[TONS x1000]	[%Pb+Zn]	[%Pb]
1	4270.00	4230.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
2	4230.00	4190.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
3	4190.00	4150.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
4	4150.00	4110.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
5	4110.00	4070.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
6	4070.00	4030.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
7	4030.00	3990.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
8	3990.00	3950.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
9	3950.00	3910.00	.00	.000	.00	.000	.000	.000	.000	.000	.000
10	3910.00	3890.00	295.00	.097	28.56	8.725	3.711	5.014	54.181	.068	
11	3890.00	3870.00	300.00	.093	27.75	7.703	3.298	4.409	46.760	.040	
12	3870.00	3850.00	650.00	.103	67.00	10.146	3.804	6.342	49.994	.076	
13	3850.00	3830.00	850.00	.099	84.30	10.238	3.892	6.345	51.900	.187	
14	3830.00	3810.00	1050.00	.099	104.00	9.487	3.681	5.806	51.772	.200	
15	3810.00	3790.00	1250.00	.101	126.45	11.237	4.273	6.965	55.111	.220	
16	3790.00	3770.00	1950.00	.097	188.85	8.963	3.394	5.569	48.754	.215	
17	3770.00	3750.00	2477.50	.096	238.71	8.172	3.193	4.980	46.091	.276	
18	3750.00	3730.00	2955.00	.108	319.93	7.710	2.971	4.739	37.482	.173	
19	3730.00	3710.00	4270.00	.098	420.11	7.141	2.748	4.393	39.744	.141	
20	3710.00	3690.00	3995.00	.097	387.36	7.175	2.683	4.492	38.915	.115	
21	3690.00	3670.00	3512.50	.096	336.60	6.975	2.557	4.419	34.458	.189	
22	3670.00	3650.00	3527.50	.099	350.42	7.660	3.132	4.528	37.063	.169	
23	3650.00	3630.00	5100.00	.099	505.35	7.321	2.897	4.424	35.068	.182	
24	3630.00	3610.00	6700.00	.100	670.35	8.084	2.989	5.096	33.351	.171	
25	3610.00	3590.00	8282.50	.099	821.27	8.025	3.035	4.991	36.420	.154	
26	3590.00	3570.00	8200.00	.097	793.00	8.137	3.113	5.025	39.506	.101	
27	3570.00	3550.00	11700.00	.100	1165.15	8.365	3.414	4.951	43.898	.091	
28	3550.00	3530.00	16650.00	.100	1661.60	8.192	3.297	4.896	45.966	.102	
29	3530.00	3510.00	18350.00	.101	1860.55	8.818	3.516	5.302	44.954	.096	
30	3510.00	3490.00	21050.00	.101	2130.25	8.896	3.563	5.334	46.180	.102	
31	3490.00	3470.00	23900.00	.100	2387.45	9.011	3.620	5.392	46.709	.083	
32	3470.00	3450.00	20050.00	.101	2022.25	8.839	3.478	5.361	44.349	.072	
33	3450.00	3430.00	15100.00	.104	1574.15	8.582	3.287	5.296	39.693	.123	
34	3430.00	3410.00	13400.00	.105	1408.05	7.961	3.040	4.922	32.927	.072	
35	3410.00	3390.00	10400.00	.102	1060.15	7.585	2.959	4.627	31.840	.054	
36	3390.00	3370.00	7750.00	.100	773.10	8.286	3.086	5.201	33.958	.072	
37	3370.00	3350.00	6200.00	.091	564.70	8.766	3.132	5.634	40.257	.105	
38	3350.00	3330.00	4000.00	.088	353.30	8.878	3.074	5.806	39.179	.128	
39	3330.00	3310.00	2750.00	.086	235.15	7.988	2.644	5.345	48.146	.082	
40	3310.00	3290.00	1500.00	.085	127.50	8.008	2.646	5.362	45.681	.088	
TOTAL FOR ALL BENCHES			228165.00	.100	22793.36	8.413	3.277	5.136	41.508	.107	