

PC-MINE VERSION 1.10  
 SERIAL NO : 20320  
 3/ 3/1988

Curragh Resources  
 Vangorda 8607 Geological Model

SOFTWARE BY GEMCOM SERVICES INC  
 MODULE 3.11  
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : reserves below ultimate pit

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1209.50 [m ]  
 BOTTOM ELEVATION : 1007.00 [m ]

SURFACE GRID RECORD : 12 IDN VINTILLA'S ULTIMATE PIT

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Au g/t]	TO [Au g/t]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	A V E R A G E G R A D E S				
						[%Pb+Zn]	[ %Pb ]	[ %Zn ]	[Ag g/t]	[Au g/t]
2.000	3.000	3	2.63	3.637	9.57	3.637	2.170	1.467	29.241	2.319
2.000	3.000	5	.61	4.253	2.58	9.973	4.496	5.477	68.788	2.123
1.500	2.000	1	.20	3.233	.65	2.638	1.262	1.376	32.000	1.605
1.500	2.000	2	2.77	3.516	9.73	1.400	.824	.576	17.153	1.608
1.500	2.000	3	12.80	3.775	48.33	3.114	1.475	1.640	23.096	1.645
1.500	2.000	5	15.98	4.182	66.81	9.285	4.171	5.114	58.997	1.698
1.000	1.500	1	36.45	2.956	107.74	3.040	1.209	1.831	23.931	1.057
1.000	1.500	2	207.29	3.405	705.93	1.440	.772	.668	15.502	1.141
1.000	1.500	3	35.51	3.699	131.32	2.949	1.335	1.614	17.098	1.222
1.000	1.500	5	70.90	3.998	283.42	9.026	4.115	4.911	56.615	1.230
1.000	1.500	6	1.22	3.790	4.60	10.636	5.433	5.203	62.837	1.056
.750	1.000	1	89.39	2.847	254.46	3.451	1.337	2.114	23.976	.876
.750	1.000	2	247.84	3.308	819.77	1.941	.893	1.048	15.889	.873
.750	1.000	3	85.64	3.652	312.78	2.370	1.190	1.180	14.497	.856
.750	1.000	4	.61	3.629	2.20	.999	.652	.348	18.333	.802
.750	1.000	5	47.59	3.925	186.80	9.909	4.369	5.540	64.304	.882
.750	1.000	6	6.07	3.675	22.33	8.852	4.420	4.432	53.496	.863
.010	.750	1	1062.25	2.932	3114.96	2.665	1.013	1.652	13.381	.298
.010	.750	2	629.44	3.206	2018.22	1.772	.721	1.051	12.624	.409
.010	.750	3	64.91	3.618	234.85	3.424	1.644	1.780	29.512	.565
.010	.750	4	34.20	3.516	120.26	3.583	1.493	2.091	28.119	.474
.010	.750	5	101.52	3.810	386.75	8.467	3.620	4.846	48.642	.590
.010	.750	6	7.49	3.731	27.95	5.741	2.705	3.036	37.140	.448
.000	.010	1	109.35	3.048	333.25	2.004	.765	1.239	7.014	.000
.000	.010	2	9.85	3.248	32.01	2.140	.760	1.379	.875	.000
.000	.010	3	10.33	3.523	36.39	3.101	1.524	1.577	34.545	.000
.000	.010	4	37.71	3.892	146.75	3.357	1.683	1.674	15.050	.000
.000	.010	5	.00	3.050	0.00	0.00	0.00	0.00	0.00	.000

.000	.010	3		2.850	2.85	.000	.000	.000	.000	.000
.000	9999.000	10	68067.22	2.700	183803.50	.000	.000	.000	.000	.000
.000	9999.000	11	2855.00	2.100	5995.50	.000	.000	.000	.000	.000
.000	9999.000	****	369.18	2.100	775.28	.000	.000	.000	.000	.000

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TOTAL			74222.85	2.695	199997.30	.142	.060	.082	.889	.026
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : reserves below ultimate pit

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1209.50 [m ]  
 BOTTOM ELEVATION : 1007.00 [m ]

SURFACE GRID RECORD : 12 ION VINTILLA'S ULTIMATE PIT

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	A V E R A G E G R A D E S					
FROM [Au g/t]	TO [Au g/t]					[%Pb+Zn]	[ %Pb ]	[ %Zn ]	[Ag g/t]	[Au g/t]	
2.000	3.000	3	2.63	3.637	9.57	3.637	2.170	1.467	29.241	2.319	
2.000	3.000	4	2.63	3.637	9.57	3.637	2.170	1.467	29.241	2.319	
2.000	3.000	5	3.24	3.752	12.16	4.983	2.664	2.319	37.645	2.277	
2.000	3.000	6	3.24	3.752	12.16	4.983	2.664	2.319	37.645	2.277	0.066 oz/ton
1.500	2.000	1	3.44	3.722	12.81	4.863	2.592	2.271	37.357	2.243	
1.500	2.000	2	6.21	3.630	22.54	3.369	1.829	1.540	28.636	1.969	
1.500	2.000	3	19.01	3.727	70.87	3.195	1.587	1.608	24.858	1.748	
1.500	2.000	4	19.01	3.727	70.87	3.195	1.587	1.608	24.858	1.748	
1.500	2.000	5	34.99	3.935	137.68	6.150	2.841	3.309	41.425	1.723	
1.500	2.000	6	34.99	3.935	137.68	6.150	2.841	3.309	41.425	1.723	0.050 oz/ton
1.000	1.500	1	71.44	3.435	245.41	4.785	2.125	2.660	33.745	1.431	
1.000	1.500	2	278.73	3.413	951.34	2.303	1.121	1.182	20.208	1.216	
1.000	1.500	3	314.23	3.445	1082.67	2.381	1.147	1.234	19.831	1.217	
1.000	1.500	4	314.23	3.445	1082.67	2.381	1.147	1.234	19.831	1.217	
1.000	1.500	5	385.13	3.547	1366.09	3.760	1.762	1.997	27.462	1.219	
1.000	1.500	6	386.35	3.548	1370.69	3.783	1.775	2.008	27.581	1.219	0.036 oz/ton
.750	1.000	1	475.74	3.416	1625.16	3.731	1.706	2.025	27.017	1.165	
.750	1.000	2	723.58	3.379	2444.92	3.131	1.434	1.697	23.286	1.067	
.750	1.000	3	809.21	3.408	2757.70	3.045	1.406	1.639	22.289	1.043	
.750	1.000	4	809.82	3.408	2759.91	3.043	1.405	1.637	22.286	1.043	
.750	1.000	5	857.41	3.437	2946.70	3.478	1.593	1.885	24.949	1.033	
.750	1.000	6	863.48	3.438	2969.03	3.519	1.615	1.904	25.164	1.031	0.030 oz/ton
.010	.750	1	1925.73	3.159	6083.99	3.082	1.307	1.775	19.131	.656	
.010	.750	2	2555.17	3.171	8102.21	2.756	1.161	1.595	17.511	.594	
.010	.750	3	2620.08	3.182	8337.06	2.774	1.174	1.600	17.849	.594	
.010	.750	4	2654.28	3.186	8457.32	2.786	1.179	1.607	17.995	.592	
.010	.750	5	2755.80	3.209	8844.08	3.034	1.286	1.749	19.335	.592	
.010	.750	6	2773.29	3.211	8972.03	3.043	1.290	1.753	19.381	.591	

