

017905

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

Curragh Resources  
Vangorda 8607 Geological Model

SOFTWARE BY GEMCOM SERVICES INC  
MODULE 3.11  
PAGE 89

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IN-SITU ORE RESERVE EVALUATION

*Geologic reserves by  
gold cutoff*

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DESCRIPTION : VANGORDA RESERVES

TOTAL FOR ALL BENCHES

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

SURFACE GRID RECORD : 1 V1-Vangorda 1979 Orthophoto Surface Topography (PCMINE)

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Au g/t]	TO [Au g/t]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE		AVERAGE GRADES			
			[bcm]	[x1000]		[ TONS x1000]	[%Pb+Zn]	[ %Pb ]	[ %Zn ]	[Ag g/t]	[Au g/t]
2.000	3.000	3	6.89		3.634	25.02	3.677	2.181	1.496	30.444	2.335
2.000	3.000	5	1.82		4.161	7.58	7.980	3.711	4.269	52.194	2.137
1.500	2.000	1	.61		3.054	1.86	13.739	4.932	8.807	43.648	1.613
1.500	2.000	2	6.89		3.461	23.83	2.436	1.702	.734	22.246	1.594
1.500	2.000	3	67.64		3.741	253.02	2.628	1.314	1.314	23.830	1.675
1.500	2.000	5	62.78		4.184	262.64	10.429	4.938	5.490	70.073	1.680
1.000	1.500	1	53.66		2.921	156.76	5.841	2.285	3.556	31.087	1.085
1.000	1.500	2	250.09		3.396	849.20	1.638	.917	.722	16.474	1.161
1.000	1.500	3	93.96		3.710	348.58	2.685	1.321	1.364	19.255	1.207
1.000	1.500	5	217.49		4.056	882.09	10.528	4.746	5.782	70.071	1.204
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	134.46		2.823	379.57	4.707	1.899	2.809	28.944	.867
.750	1.000	2	294.84		3.320	978.93	1.999	.928	1.071	16.246	.866
.750	1.000	3	221.94		3.676	815.91	2.776	1.393	1.383	20.048	.856
.750	1.000	4	.61		3.629	2.20	.999	.652	.348	18.333	.802
.750	1.000	5	245.43		3.926	963.61	9.726	4.327	5.398	61.998	.864
.750	1.000	6	6.07		3.675	22.33	8.852	4.420	4.432	53.496	.863
.010	.750	1	1535.35		2.883	4426.25	3.194	1.232	1.962	16.942	.344
.010	.750	2	838.55		3.221	2701.21	1.937	.806	1.131	14.200	.426
.010	.750	3	185.09		3.631	671.97	3.488	1.681	1.807	28.479	.587
.010	.750	4	70.67		3.525	249.10	3.580	1.628	1.952	27.733	.456
.010	.750	5	750.47		3.919	2940.95	10.238	4.369	5.871	61.156	.493
.010	.750	6	23.08		3.664	84.59	11.061	6.406	4.654	79.544	.392
.000	.010	1	109.35		3.048	333.25	2.004	.765	1.239	7.014	.000
.000	.010	2	10.94		3.252	35.56	2.043	.718	1.325	.787	.000
.000	.010	3	10.33		3.523	36.39	3.101	1.524	1.577	34.545	.000
.000	.010	4	67.23		3.861	259.61	3.817	1.724	2.093	24.460	.000
.000	.010	5	1.62		3.165	5.13	4.505	2.244	2.262	30.196	.002
.000	.010	6	2.43		2.850	6.93	.000	.000	.000	.000	.000
.000	9999.000	10	70276.13		2.700	189769.60	.000	.000	.000	.000	.000
.000	9999.000	11	6181.12		2.100	12980.36	.000	.000	.000	.000	.000
.000	9999.000	****	616.70		2.100	1295.07	.000	.000	.000	.000	.000

TOTAL 82345.43 2.693 221773.70 .394 .171 .223 2.499 .050

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IN-SITU ORE RESERVE EVALUATION

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DESCRIPTION : VANGORDA RESERVES

TOTAL FOR ALL BENCHES

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

SURFACE GRID RECORD : 1 V1-Vangorda 1979 Orthophoto Surface Topography (PCMINI)

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		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]		[bcm	x1000]			[ %Pb+Zn]	[ %Pb ]	[ %Zn ]	[Ag g/t]	[Au g/t]
2.000	3.000	3	6.89		3.634	25.02	3.677	2.181	1.496	30.444	2.335
2.000	3.000	4	6.89		3.634	25.02	3.677	2.181	1.496	30.444	2.335
2.000	3.000	5	8.71		3.744	32.60	4.678	2.537	2.141	35.502	2.289
2.000	3.000	6	8.71		3.744	32.60	4.678	2.537	2.141	35.502	2.289
1.500	2.000	1	9.31		3.699	34.46	5.166	2.666	2.500	35.941	2.253
1.500	2.000	2	16.20		3.598	58.28	4.050	2.272	1.778	30.343	1.984
1.500	2.000	3	83.83		3.713	311.31	2.894	1.493	1.401	25.049	1.733
1.500	2.000	4	83.83		3.713	311.31	2.894	1.493	1.401	25.049	1.733
1.500	2.000	5	146.61		3.915	573.95	6.342	3.070	3.272	45.652	1.709
1.500	2.000	6	146.61		3.915	573.95	6.342	3.070	3.272	45.652	1.709
1.000	1.500	1	200.27		3.649	730.71	6.235	2.901	3.333	42.528	1.575
1.000	1.500	2	450.36		3.508	1579.91	3.764	1.835	1.929	28.524	1.352
1.000	1.500	3	544.32		3.543	1928.49	3.569	1.742	1.827	26.848	1.326
1.000	1.500	4	544.32		3.543	1928.49	3.569	1.742	1.827	26.848	1.326
1.000	1.500	5	761.80		3.689	2810.58	5.753	2.685	3.068	40.414	1.288
1.000	1.500	6	763.02		3.690	2815.19	5.761	2.689	3.072	40.450	1.287
.750	1.000	1	897.48		3.560	3194.76	5.636	2.595	3.041	39.083	1.238
.750	1.000	2	1192.32		3.500	4173.69	4.783	2.204	2.579	33.727	1.150
.750	1.000	3	1414.26		3.528	4989.59	4.455	2.072	2.383	31.490	1.102
.750	1.000	4	1414.87		3.528	4991.80	4.453	2.071	2.382	31.484	1.102
.750	1.000	5	1660.30		3.587	5955.40	5.306	2.436	2.870	36.422	1.064
.750	1.000	6	1666.37		3.587	5977.73	5.319	2.443	2.876	36.485	1.063
.010	.750	1	3201.73		3.249	10403.98	4.415	1.928	2.487	28.171	.757
.010	.750	2	4040.28		3.244	13105.19	3.904	1.697	2.208	25.291	.689
.010	.750	3	4225.37		3.261	13777.17	3.884	1.696	2.188	25.447	.684
.010	.750	4	4296.04		3.265	14026.27	3.879	1.695	2.184	25.487	.680
.010	.750	5	5046.50		3.362	16967.22	4.981	2.158	2.823	31.670	.648
.010	.750	6	5069.59		3.364	17051.81	5.011	2.179	2.832	31.907	.646
.000	.010	1	5178.94		3.357	17385.06	4.953	2.152	2.802	31.430	.634
.000	.010	2	5189.87		3.357	17420.61	4.948	2.149	2.799	31.367	.633
.000	.010	3	5200.20		3.357	17457.00	4.944	2.148	2.796	31.374	.631
.000	.010	4	5267.43		3.363	17716.61	4.927	2.142	2.786	31.273	.622
.000	.010	5	5269.05		3.363	17721.73	4.927	2.142	2.786	31.272	.622
.000	.010	6	5271.48		3.363	17728.66	4.925	2.141	2.784	31.260	.622
.000	9999.000	10	75547.62		2.747	207498.30	.421	.183	.238	2.671	.053
.000	9999.000	11	81728.73		2.698	220478.60	.396	.172	.224	2.514	.050
.000	9999.000	****	82345.43		2.693	221773.70	.394	.171	.223	2.499	.050
<b>TOTAL</b>			<b>82345.43</b>		<b>2.693</b>	<b>221773.70</b>	<b>.394</b>	<b>.171</b>	<b>.223</b>	<b>2.499</b>	<b>.050</b>