

PC-MINE VERSION 1.20
 SERIAL NO : 20000
 5/11/1990

GEMCOM SERVICES INC.
 ***** VANGORDA DEPOSIT - V8912 INTERPRETATION *****

SOFTWARE BY GEMCOM SERVICES INC
 MODULE 3.11
 PAGE 1

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1230.00 [m]
 BOTTOM ELEVATION : 990.00 [m]

SURFACE GRID RECORD : 2 V1 - Surface Topography Start-up of Mining (POLYSECT)
 BENCHES USED :
 BENCH 1 TO 40
 BLOCKS USED :
 COLUMNS 1 TO 100 ROWS 1 TO 90

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/m]	[Au g/m]
6.000	50.000	1599.42	3.891	6223.47	9.332	4.121	5.211	59.300	.835
5.000	6.000	263.76	3.236	853.51	5.477	2.288	3.189	35.802	.617
4.000	5.000	432.47	3.223	1393.70	4.502	1.926	2.576	30.152	.584
3.000	4.000	471.56	3.292	1552.24	3.461	1.519	1.942	24.358	.705
.010	3.000	2379.17	3.358	7988.37	1.741	.783	.958	16.718	.731
.010	99999.000	98149.59	2.163	212282.60	.000	.000	.000	.000	.000
TOTAL		103296.00	2.229	230293.90	.383	.169	.215	2.66	.058

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves (START-UP OF MINING)

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1230.00 [m]
 BOTTOM ELEVATION : 990.00 [m]

SURFACE GRID RECORD : 2 V1 - Surface Topography Start-up of Mining (POLYSECT)
 BENCHES USED :
 BENCH 1 TO 40
 BLOCKS USED :
 COLUMNS 1 TO 100 ROWS 1 TO 90

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/m]	[Au g/m]
6.000	50.000	1599.42	3.891	6223.47	9.332	4.121	5.211	59.300	.835
5.000	6.000	1863.18	3.798	7076.98	8.867	3.900	4.968	56.466	.809
4.000	5.000	2295.64	3.690	8470.68	8.149	3.575	4.574	52.136	.772
3.000	4.000	2767.20	3.622	10022.92	7.423	3.257	4.166	47.834	.761
.010	3.000	5146.37	3.500	18011.28	4.903	2.159	2.744	34.034	.748
.010	99999.000	103296.00	2.229	230293.90	.383	.169	.215	2.662	.058
TOTAL		103296.00	2.229	230293.90	.383	.169	.215	2.66	.058