

PC-MINE VERSION 1.20
 SERIAL NO : 20000
 22/11/1990

GEMCOM SERVICES INC.
 Vangorda Deposit - V9009 Interpretation

SOFTWARE BY GEMCOM SERVICES INC
 MODULE 4.11
 PAGE 1

MINING RESERVE EVALUATION

DESCRIPTION : Remaining Reserves - Oct 1, 1990

TOTAL FOR ALL BENCHES

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

TOP SURFACE GRID RECORD : 7 September 1990 Monthend Surface MERGED with corrected Aug. Surfa
 BOTTOM SURFACE GRID RECORD : 9 Sept 1990 monthend Pit MERGED with VIV Ultimate Pit

BENCHES USED :

BENCH 1 TO 80

BLOCKS USED :

COLUMNS 1 TO 100 ROWS 1 TO 128

INCREMENTAL RESULTS

CUT-OFF GRADES		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [\$Cdn x1000]	
FROM [%Pb+Zn]	TO [%Pb+Zn]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]		[Au g/t]
6.000	50.000	1281.57	3.964	5080.74	9.976	4.446	5.530	55.39	.806	.00
5.000	6.000	125.87	3.103	390.58	5.503	2.299	3.204	29.73	.627	.00
4.000	5.000	132.12	3.017	398.58	4.497	1.818	2.679	24.74	.534	.00
3.000	4.000	127.34	3.202	407.76	3.441	1.453	1.988	20.37	.692	.00
.010	3.000	526.51	3.514	1850.29	1.816	.845	.971	16.10	.841	.00
.000	.010	4884.43	2.433	11884.30	.000	.000	.000	.00	.000	.00
TOTAL		7077.85	2.827	20012.24	2.968	1.318	1.650	17.04	.319	.00

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BENCHES USED :
 BENCH 1 TO 80
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 COLUMNS 1 TO 100 ROWS 1 TO 128
 CUMULATIVE RESULTS

CUT-OFF GRADES		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [\$Cdn x1000]	
FROM [%Pb+Zn]	TO [%Pb+Zn]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]		[Au g/t]
6.000	50.000	1281.57	3.964	5080.74	9.976	4.446	5.530	55.39	.806	.00
5.000	6.000	1407.45	3.887	5471.31	9.657	4.293	5.364	53.56	.793	.00
4.000	5.000	1539.56	3.813	5869.90	9.307	4.125	5.181	51.60	.775	.00
3.000	4.000	1666.91	3.766	6277.65	8.926	3.952	4.974	49.57	.770	.00
.010	3.000	2193.41	3.706	8127.94	7.307	3.244	4.063	41.95	.786	.00
.000	.010	7077.85	2.827	20012.24	2.968	1.318	1.650	17.04	.319	.00
.000	99999.000	7077.85	2.827	20012.24	2.968	1.318	1.650	17.04	.319	.00
TOTAL		7077.85	2.827	20012.24	2.968	1.318	1.650	17.04	.319	.00