

GRUM DEPOSIT  
G8705 MODEL  
SECTIONAL RESERVES  
MINING RESERVES

017654

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [996] TO [\*\*\*]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m ]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2 ]
996	SECTION 58W	.00	5		7/ 2/1989	1	58271.8
997	SECTION 60W	.00	5		7/ 2/1989	1	58272.0
998	SECTION 62W	.00	5		7/ 2/1989	1	58272.2
999	SECTION 64W	.00	5		7/ 2/1989	1	58271.9
1000	SECTION 66W	.00	5		7/ 2/1989	1	58272.1
1001	SECTION 68W	.00	5		7/ 2/1989	1	58271.8
1002	SECTION 70W	.00	5		7/ 2/1989	1	58272.0
1003	SECTION 72W	.00	5		7/ 2/1989	1	58223.9
1004	SECTION 74W	.00	5		7/ 2/1989	1	58223.8
1005	SECTION 76W	.00	5		7/ 2/1989	1	58272.0
1006	SECTION 78W	.00	5		7/ 2/1989	1	58272.2
1007	SECTION 80W	.00	5		7/ 2/1989	1	58271.9
1008	SECTION 82W	.00	5		7/ 2/1989	1	58272.1
1009	SECTION 84W	.00	5		7/ 2/1989	1	58271.8
1010	SECTION 86W	.00	5		7/ 2/1989	1	58272.0
1011	SECTION 88W	.00	5		7/ 2/1989	1	58272.2
1012	SECTION 90W	.00	5		7/ 2/1989	1	58271.9
1013	SECTION 92W	.00	5		7/ 2/1989	1	58272.1

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ESTIMATED PERCENTAGE OF WASTE VOLUME WITHIN ION VINTILA'S ULTIMATE PIT (Estimated from sections. Additional sulphide waste denoted by S= represents additional sulphide waste material not originally interpreted in the 68705 computer model. This material is dominately 4A.)

MODEL CALCULATED VOLUME WITHIN ION VINTILA'S ULTIMATE PIT (does not include additional sulphide waste material not originally interpreted in the 68705 computer model)

Waste adjustment to account for sulphide waste rock types (dominately 4a) not included in 68705 computer model

Section	% of total					Total Waste
	580 38 & 586 Waste	5A Waste	4L Waste	S= Waste		
58	0	0	0	0	0	0
60	0	0	0	0	0	0
62	0	80	0	0	20	100
64	5	75	5	0	15	100
66	10	70	5	0	15	100
68	30	55	5	0	10	100
70	40	40	10	0	10	100
72	70	20	3	0	7	100
74	90	8	2	0	0	100
76	90	5	3	0	2	100
78	92	4	2	0	2	100
80	92	4	2	0	2	100
82	93	4	2	0	1	100
84	96	2	2	0	0	100
86	98	0	2	0	2	100
88	98	0	2	0	2	100
90	98	0	2	0	2	100
92	98	0	2	0	2	100

Handwritten annotations: A bracket groups sections 72-92. A vertical line is drawn through the '4L Waste' column. A handwritten '10.4%' is written above the '4L Waste' column. A handwritten '4.3%' is written above the '5A Waste' column. A handwritten '2' is written below the '5A Waste' column for section 84. A handwritten '3' is written below the '5A Waste' column for section 86. A handwritten '2' is written below the '5A Waste' column for section 88. A handwritten '2' is written below the '5A Waste' column for section 90. A handwritten '2' is written below the '5A Waste' column for section 92.

Section	---CUBIC METRES (from 68705 model)---				
	Non-Sulph Waste	Sulphide Waste	Total Waste	Overburden Waste	Ore +4%
58 W	0	0	0	166,400	0
60 W	0	0	0	854,550	0
62 W	216,640	0	216,640	1,576,920	7,510
64 W	1,068,480	19,040	1,087,520	1,739,280	146,460
66 W	1,769,940	84,000	1,853,940	1,653,070	339,110
68 W	2,676,460	154,680	2,831,140	1,517,060	278,150
70 W	3,493,730	87,210	3,580,940	1,403,650	668,390
72 W	4,218,180	69,260	4,287,440	1,114,510	737,680
74 W	4,467,360	52,950	4,520,310	825,590	890,320
76 W	4,269,240	109,050	4,378,290	705,580	723,790
78 W	4,177,850	97,200	4,275,050	628,340	766,910
80 W	4,541,700	197,490	4,739,190	421,410	826,460
82 W	5,697,580	59,160	5,756,740	224,230	534,550
84 W	5,749,260	27,540	5,776,800	94,850	383,940
86 W	4,708,140	4,220	4,712,360	206,810	273,820
88 W	3,848,160	0	3,848,160	66,950	0
90 W	2,915,460	0	2,915,460	45,720	0
92 W	510,040	0	510,040	18,620	0
<b>Total volume:</b>	<b>54,328,220</b>	<b>961,800</b>	<b>55,290,020</b>	<b>13,263,340</b>	<b>6,577,090</b>

---CUBIC METRES---		
Adjusted S= Waste	Adjusted non S= Waste	Adjusted Total Waste
0	0	0
0	0	0
43,328	173,312	216,640
179,312	908,208	1,087,520
349,491	1,504,449	1,853,940
422,326	2,408,814	2,831,140
436,583	3,144,357	3,580,940
364,533	3,922,907	4,287,440
52,950	4,467,360	4,520,310
194,435	4,183,855	4,378,290
180,757	4,094,293	4,275,050
288,324	4,450,866	4,739,190
116,136	5,640,604	5,756,740
27,540	5,749,260	5,776,800
98,383	4,613,977	4,712,360
76,963	3,771,197	3,848,160
58,309	2,857,151	2,915,460
10,201	495,839	510,040
<b>2,899,570</b>	<b>52,390,450</b>	<b>55,290,020</b>

21-Mar-89

CURRAGH RESOURCES INC.  
BRUM WASTE ESTIMATE

ESTIMATED WASTE VOLUME - BY ROCK TYPE - WITHIN ION VINTILA'S ULTIMATE PIT

-----CUBIC METRES-----

Section	580	36 & 586	5A	4L	Non-Sulph Waste	Sulphide Waste	Total Rock Waste	Overburden Waste	Ore +4%
58 W	0	0	0	0	0	0	0	168,400	0
60 W	0	0	0	0	0	0	0	854,550	0
62 W	0	173,312	0	0	173,312	43,328	216,640	1,576,920	7,510
64 W	53,424	801,560	53,424	0	908,208	179,512	1,087,520	1,739,280	146,460
66 W	176,994	1,238,958	88,497	0	1,504,449	349,491	1,853,940	1,653,070	339,110
68 W	302,938	1,472,053	133,823	0	2,408,814	422,326	2,831,140	1,517,060	278,150
70 W	1,397,492	1,397,492	549,373	0	3,144,357	436,583	3,580,940	1,403,650	668,390
72 W	2,952,726	843,636	126,545	0	3,922,907	364,533	4,287,440	1,114,510	737,680
74 W	4,020,624	357,589	89,347	0	4,467,366	52,950	4,520,310	825,690	890,320
76 W	3,842,316	213,462	128,077	0	4,183,855	174,433	4,378,290	705,580	723,790
78 W	3,843,622	167,114	83,557	0	4,094,293	180,757	4,275,050	628,340	766,910
80 W	4,178,364	181,668	90,834	0	4,450,866	288,324	4,739,190	421,410	826,460
82 W	5,298,749	170,927	170,927	0	5,640,604	116,136	5,756,740	224,230	534,550
84 W	5,519,290	114,985	114,985	0	5,749,260	27,540	5,776,800	94,850	383,940
86 W	4,613,977	0	0	0	4,613,977	98,363	4,712,360	206,610	273,820
88 W	3,771,197	0	0	0	3,771,197	76,963	3,848,160	66,950	0
90 W	2,857,151	0	0	0	2,857,151	58,309	2,915,460	45,720	0
92 W	499,839	0	0	0	499,839	10,201	510,040	18,620	0
Total volume:	43,828,703	7,132,356	1,429,390	0	52,390,450	2,899,570	55,290,020	13,263,340	6,577,090
% of total rock waste:	79.3%	12.9%	2.6%	0.0%	94.8%	5.2%	100.0%	NA	NA
% of total rock waste + ore:	70.8%	11.5%	2.3%	0.0%	84.7%	4.7%	89.4%	NA	10.6%
% of all material:	58.3%	9.5%	1.9%	0.0%	69.7%	3.9%	73.6%	17.7%	8.8%

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SECTION	tonnes (* 1000)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Pb (tonnes * 1000)	Zn (kg)	Ag (kg)	Au (kg)	Volume (bcm * 1000)	
58W											
*****											
Total +4%	319.080	3.646	3.948	50.553	0.032	11.634	12.597	16.130	0.010	81.000	
Under Pit	319.080	3.646	3.948	50.553	0.032	11.634	12.597	16.130	0.010	81.000	
In Pit +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Sulphide Waste (tonnes * 1000)			Phyllite Waste (tonnes * 1000)		Overburden (bcm * 1000)					
Total	749.970			34900.140		5626.120		221.940			
Under Pit	749.970			34900.140		5276.830		221.940			
In Pit	0.000			0.000		349.290		0.000			
TOTAL IN PIT (all material) (tonnes * 1000)					349.290		TOTAL IN PIT (all material) (bcm * 1000)				
							166.400				

SECTION	tonnes (* 1000)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Pb (tonnes * 1000)	Zn (kg)	Ag (kg)	Au (kg)	Volume (bcm * 1000)	
60W											
*****											
Total +4%	510.080	3.396	4.870	49.992	0.692	17.322	24.841	25.500	0.353	136.080	
Under Pit	510.080	3.396	4.870	49.992	0.692	17.322	24.841	25.500	0.353	136.080	
In Pit +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Sulphide Waste (tonnes * 1000)			Phyllite Waste (tonnes * 1000)		Overburden (bcm * 1000)					
Total	1137.500			34210.510		6037.080		348.840			
Under Pit	1137.500			34210.510		4243.370		348.840			
In Pit	0.000			0.000		1793.710		0.000			
TOTAL IN PIT (all material) (tonnes * 1000)					1793.710		TOTAL IN PIT (all material) (bcm * 1000)				
							854.550				

SECTION	tonnes (* 1000)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Pb (tonnes * 1000)	Zn (kg)	Ag (kg)	Au (kg)	Volume (bcm * 1000)	
62W											
*****											
Total +4%	636.900	3.361	4.934	54.390	1.100	21.406	31.425	34.641	0.701	172.260	
Under Pit	608.780	3.264	4.641	52.540	1.095	19.871	28.253	31.985	0.667	164.750	
In Pit +4%	28.120	5.461	11.277	94.441	1.208	1.536	3.171	2.656	0.034	7.510	
	Sulphide Waste (tonnes * 1000)			Phyllite Waste (tonnes * 1000)		Overburden (bcm * 1000)					
Total	38.370			34943.370		6371.460		10.800			
Under Pit	38.380			34358.450		3061.500		10.800			
In Pit	-0.010			584.920		3309.960		0.000			
TOTAL IN PIT (all material) (tonnes * 1000)					3922.990		TOTAL IN PIT (all material) (bcm * 1000)				
							1801.070				

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
64W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	1072.620	3.788	5.485	61.210	0.995	40.631	58.833	65.655	1.067	296.460	
Under Pit	536.930	2.990	3.607	47.090	0.980	16.054	19.367	25.284	0.526	150.000	
In Pit +4%	535.690	4.588	7.367	75.363	1.010	24.577	39.466	40.371	0.541	146.460	
	Sulphide Waste	Phyllite Waste	Overburden	Sulphide Waste	Phyllite Waste	Overburden					
	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )					
Total	512.170	34778.420	6242.900	150.120	12880.900	2974.220					
Under Pit	448.640	31893.520	2592.150	131.080	11812.420	1234.940					
In Pit	63.530	2884.900	3650.750	19.040	1068.480	1739.280					
TOTAL IN PIT (all material) (tonnes * 1000)					7134.870	TOTAL IN PIT (all material) (bcm * 1000)					2973.260

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
66W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	1583.690	4.103	5.683	66.130	1.001	64.979	90.001	104.729	1.585	428.220	
Under Pit	323.110	2.611	3.240	40.000	1.011	8.436	10.469	12.924	0.327	89.110	
In Pit +4%	1260.580	4.485	6.309	72.828	0.998	56.542	79.532	91.805	1.259	339.110	
	Sulphide Waste	Phyllite Waste	Overburden	Sulphide Waste	Phyllite Waste	Overburden					
	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )					
Total	364.850	35945.560	5473.880	110.160	13313.170	2607.850					
Under Pit	91.150	31166.730	2004.080	26.160	11543.230	954.780					
In Pit	273.700	4778.830	3469.800	84.000	1769.940	1653.070					
TOTAL IN PIT (all material) (tonnes * 1000)					9782.910	TOTAL IN PIT (all material) (bcm * 1000)					3846.120

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
68W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	1314.260	4.099	6.271	66.660	1.002	53.872	82.417	87.609	1.317	355.320	
Under Pit	279.880	2.798	3.398	46.910	1.043	7.831	9.510	13.129	0.292	77.170	
In Pit +4%	1034.380	4.451	7.048	72.004	0.991	46.040	72.907	74.479	1.025	278.150	
	Sulphide Waste	Phyllite Waste	Overburden	Sulphide Waste	Phyllite Waste	Overburden					
	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )	( tonnes * 1000 )					
Total	1018.830	37076.460	4612.120	316.980	13732.020	2197.300					
Under Pit	549.590	29850.020	1427.830	162.300	11055.560	680.240					
In Pit	469.240	7226.440	3184.290	154.680	2676.460	1517.060					
TOTAL IN PIT (all material) (tonnes * 1000)					11914.350	TOTAL IN PIT (all material) (bcm * 1000)					4626.350

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
70W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	2441.540	3.859	6.571	63.660	1.044	94.219	160.434	155.428	2.549	692.280	
Under Pit	91.750	3.491	4.642	59.010	1.365	3.203	4.259	5.414	0.125	23.890	
In Pit +4%	2349.790	3.873	6.646	63.842	1.031	91.016	156.175	150.014	2.424	668.390	
	Sulphide Waste	Phyllite Waste	Overburden	Sulphide Waste	Phyllite Waste	Overburden					
	( tonnes * 1000 )			( bcm * 1000 )							
Total	275.100	38302.090	3781.980	92.340	14185.960	1801.800					
Under Pit	16.470	28869.010	835.710	5.130	10692.230	398.150					
In Pit	258.630	9433.080	2946.270	87.210	3493.730	1403.650					
TOTAL IN PIT (all material) (tonnes * 1000)					14987.770	TOTAL IN PIT (all material)(bcm * 1000)					5652.980

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
72W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	2579.170	3.640	5.772	61.230	1.024	93.882	148.870	157.923	2.641	746.820	
Under Pit	31.150	3.890	5.131	64.910	1.219	1.212	1.598	2.022	0.038	9.140	
In Pit +4%	2548.020	3.637	5.780	61.185	1.022	92.670	147.271	155.901	2.603	737.680	
	Sulphide Waste	Phyllite Waste	Overburden	Sulphide Waste	Phyllite Waste	Overburden					
	( tonnes * 1000 )			( bcm * 1000 )							
Total	266.070	35775.540	2839.090	84.240	14731.680	1352.590					
Under Pit	49.590	28386.450	499.730	14.980	10513.500	238.080					
In Pit	216.480	11389.090	2339.360	69.260	4218.180	1114.510					
TOTAL IN PIT (all material) (tonnes * 1000)					16492.950	TOTAL IN PIT (all material)(bcm * 1000)					6139.630

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
74W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	3379.850	3.745	6.265	63.190	1.047	126.575	211.748	213.573	3.539	978.480	
Under Pit	331.300	3.909	5.421	59.700	1.177	12.951	17.960	19.779	0.390	88.160	
In Pit +4%	3048.550	3.727	6.357	63.569	1.033	113.625	193.788	193.794	3.149	890.320	
	Sulphide Waste	Phyllite Waste	Overburden	Sulphide Waste	Phyllite Waste	Overburden					
	( tonnes * 1000 )			( bcm * 1000 )							
Total	289.930	40411.710	2129.260	93.960	14967.300	1014.420					
Under Pit	135.190	28349.840	396.360	41.010	10499.940	188.830					
In Pit	154.740	12061.870	1732.900	52.950	4467.360	825.590					
TOTAL IN PIT (all material) (tonnes * 1000)					16998.060	TOTAL IN PIT (all material)(bcm * 1000)					6236.220

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume
76W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)
*****										
Total +4%	2963.850	3.469	5.799	58.350	1.063	102.816	171.874	172.941	3.151	883.440
Under Pit	594.110	3.881	5.917	62.760	1.308	23.057	35.153	37.286	0.777	159.650
In Pit +4%	2369.740	3.366	5.769	57.244	1.002	79.759	136.720	135.654	2.373	723.790
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden		
	( tonnes * 1000 )					( bcm * 1000 )				
Total	343.580	41355.130	1857.360			118.260	15316.720	884.880		
Under Pit	28.010	29828.190	376.360			9.210	11047.480	179.300		
In Pit	315.570	11526.940	1481.000			109.050	4269.240	705.580		
TOTAL IN PIT (all material) (tonnes * 1000)			15693.250			TOTAL IN PIT (all material) (bcm * 1000)		5807.660		

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume
78W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)
*****										
Total +4%	2959.790	3.081	5.402	53.690	1.017	91.191	159.888	158.911	3.010	906.120
Under Pit	513.930	3.690	5.408	65.120	1.121	18.964	27.793	33.467	0.576	139.210
In Pit +4%	2445.860	2.953	5.401	51.288	0.995	72.227	132.095	125.444	2.434	766.910
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden		
	( tonnes * 1000 )					( bcm * 1000 )				
Total	436.300	41933.150	1696.180			147.960	15530.800	808.090		
Under Pit	150.450	30652.960	377.290			50.760	11352.950	179.750		
In Pit	285.850	11280.190	1318.890			97.200	4177.850	628.340		
TOTAL IN PIT (all material) (tonnes * 1000)			15330.790			TOTAL IN PIT (all material) (bcm * 1000)		5670.300		

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume
80W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)
*****										
Total +4%	3591.350	2.861	4.477	48.690	1.006	102.749	160.785	174.863	3.613	1103.220
Under Pit	1001.570	3.167	3.953	53.030	1.335	31.720	39.592	53.113	1.337	276.760
In Pit +4%	2589.780	2.743	4.680	47.012	0.879	71.029	121.193	121.750	2.276	826.460
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden		
	( tonnes * 1000 )					( bcm * 1000 )				
Total	1043.390	41831.470	1258.240			346.140	15493.140	599.450		
Under Pit	460.350	29568.890	373.710			148.650	10951.440	178.040		
In Pit	583.040	12262.580	884.530			197.490	4541.700	421.410		
TOTAL IN PIT (all material) (tonnes * 1000)			16319.930			TOTAL IN PIT (all material) (bcm * 1000)		5987.060		

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
82W	(* 1000)	(%)	(%)	(g/t)	(g/t)	(tonnes * 1000)	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	2140.420	3.108	5.593	55.450	0.744	66.524	119.714	118.686	1.592	652.320	
Under Pit	398.600	3.443	6.068	63.550	0.793	13.724	24.187	25.331	0.316	117.770	
In Pit +4%	1741.820	3.031	5.484	53.596	0.733	52.800	95.527	93.355	1.276	534.550	
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden			
	(tonnes * 1000)					(bcm * 1000)					
Total	348.410	44833.570	711.740			112.320	16605.020	339.080			
Under Pit	163.470	29450.080	241.070			53.160	10907.440	114.850			
In Pit	184.940	15383.490	470.670			59.160	5697.580	224.230			
TOTAL IN PIT (all material) (tonnes * 1000)					17780.920	TOTAL IN PIT (all material) (bcm * 1000)					6515.520

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
84W	(* 1000)	(%)	(%)	(g/t)	(g/t)	(tonnes * 1000)	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	1593.820	2.734	4.889	46.150	0.557	43.575	77.922	73.555	0.888	518.400	
Under Pit	446.860	3.794	6.539	65.220	0.711	16.954	29.220	29.144	0.318	134.460	
In Pit +4%	1146.960	2.321	4.246	38.720	0.497	26.621	48.702	44.411	0.570	383.940	
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden			
	(tonnes * 1000)					(bcm * 1000)					
Total	81.930	46539.430	372.680			28.080	17236.820	177.550			
Under Pit	1.540	31016.420	173.600			0.540	11487.560	82.700			
In Pit	80.390	15523.010	199.080			27.540	5749.260	94.850			
TOTAL IN PIT (all material) (tonnes * 1000)					16949.440	TOTAL IN PIT (all material) (bcm * 1000)					6255.590

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
86W	(* 1000)	(%)	(%)	(g/t)	(g/t)	(tonnes * 1000)	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	1890.790	2.468	4.876	44.250	0.423	46.665	92.195	83.667	0.800	622.080	
Under Pit	1095.630	2.649	5.363	49.690	0.418	29.023	58.759	54.442	0.458	348.260	
In Pit +4%	795.160	2.219	4.205	36.754	0.430	17.641	33.436	29.226	0.342	273.820	
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden			
	(tonnes * 1000)					(bcm * 1000)					
Total	460.130	46152.290	692.970			153.900	17093.440	330.140			
Under Pit	447.430	33440.300	259.290			149.680	12385.300	123.530			
In Pit	12.700	12711.990	433.680			4.220	4708.140	206.610			
TOTAL IN PIT (all material) (tonnes * 1000)					13953.530	TOTAL IN PIT (all material) (bcm * 1000)					5192.790

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
SSW	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Under Pit						0.000	0.000	0.000	0.000	0.000	
In Pit +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden			
	( tonnes * 1000 )					( bcm * 1000 )					
Total	0.000	49094.620	418.200			0.000	18183.190	199.240			
Under Pit	0.000	38704.590	277.670			0.000	14335.030	132.290			
In Pit	0.000	10390.030	140.530			0.000	3848.160	66.950			
TOTAL IN PIT (all material) (tonnes * 1000)					10530.560	TOTAL IN PIT (all material) (bcm * 1000)					3915.110

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
90W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Under Pit						0.000	0.000	0.000	0.000	0.000	
In Pit +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden			
	( tonnes * 1000 )					( bcm * 1000 )					
Total	0.000	61973.880	432.600			0.000	22953.290	206.100			
Under Pit	0.000	54102.140	336.640			0.000	20037.830	160.380			
In Pit	0.000	7871.740	95.960			0.000	2915.460	45.720			
TOTAL IN PIT (all material) (tonnes * 1000)					7967.700	TOTAL IN PIT (all material) (bcm * 1000)					2961.180

SECTION	tonnes	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Volume	
92W	(* 1000)	(%)	(%)	(g/t)	(g/t)	( tonnes * 1000 )	(kg)	(kg)	(kg)	(bcm * 1000)	
*****											
Total +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Under Pit						0.000	0.000	0.000	0.000	0.000	
In Pit +4%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Sulphide Waste	Phyllite Waste	Overburden			Sulphide Waste	Phyllite Waste	Overburden			
	( tonnes * 1000 )					( bcm * 1000 )					
Total	0.000	49629.800	420.060			0.000	18381.410	200.120			
Under Pit	0.000	48252.700	380.970			0.000	17871.370	181.500			
In Pit	0.000	1377.100	39.090			0.000	510.040	18.620			
TOTAL IN PIT (all material) (tonnes * 1000)					1416.190	TOTAL IN PIT (all material) (bcm * 1000)					528.660

TOTAL IN PIT RESERVES *****	tonnes (* 1000)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Pb ( tonnes * 1000 )	Zn ( tonnes * 1000 )	Ag (kg)	Au (kg)	Volume (bcm * 1000)	
In Pit +4%	21894.450	3.408	5.755	57.497	0.927	746.084	1259.982	1258.859	20.306	6577.090	
	Sulphide Waste ( tonnes * 1000 )			Phyllite Waste ( tonnes * 1000 )		Overburden		Sulphide Waste ( bcm * 1000 )			Overburden
In Pit	2898.800		146686.200		27839.760	961.600		54328.220		13263.340	
TOTAL IN PIT (all material) (tonnes * 1000)					199319.210	TOTAL IN PIT (all material)(bcm * 1000)					75130.450

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 58W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 996 SECTION 58W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	5	56.16		3.965	222.69	7.503	3.771	3.733	49.067	.000
5.000	100.000	6	3.24		4.219	13.67	14.164	4.951	9.214	94.915	.131
5.000	100.000	7	12.96		3.940	51.07	8.235	3.717	4.518	56.154	.000
4.000	5.000	1	1.08		3.678	3.97	4.377	1.728	2.649	28.207	.990
4.000	5.000	3	.54		3.574	1.93	4.000	1.796	2.204	31.800	.000
4.000	5.000	5	3.78		3.674	13.89	4.453	2.224	2.229	35.417	.334
4.000	5.000	7	3.24		3.658	11.85	4.284	2.091	2.193	31.449	.000
.010	4.000	1	63.18		3.307	208.94	2.441	.931	1.510	17.372	.620
.010	4.000	3	57.78		3.461	199.98	2.716	1.363	1.353	25.611	.000
.010	4.000	5	15.66		3.460	54.19	2.910	1.442	1.468	27.103	.309
.010	4.000	7	16.20		3.475	56.29	3.591	1.785	1.806	25.973	.000
.010	4.000	9	41.04		3.566	146.34	2.313	1.032	1.281	18.892	.000
.000	.010	1	9.18		3.000	27.54	.000	.000	.000	.000	.000
.000	.010	3	6.48		3.000	19.44	.000	.000	.000	.000	.000
.000	.010	5	5.40		3.000	16.20	.000	.000	.000	.000	.000
.000	.010	6	4.86		3.000	14.58	.000	.000	.000	.000	.000
.000	.010	7	2.16		3.000	6.48	.000	.000	.000	.000	.000
.000	9999.000	10	12925.98		2.700	34900.14	.000	.000	.000	.000	.000
.000	9999.000	11	2680.38		2.099	5626.12	.000	.000	.000	.000	.000
TOTAL			15909.30		2.615	41595.31	.100	.047	.053	.735	.004

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 58W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES .

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 996 SECTION 58W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES					
					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]	
5.000	100.000	5	56.16	3.965	222.69	7.503	3.771	3.733	49.067	.000
5.000	100.000	6	59.40	3.979	236.36	7.888	3.839	4.050	51.719	.008
5.000	100.000	7	72.36	3.972	287.43	7.950	3.817	4.133	52.507	.006
5.000	100.000	8	72.36	3.972	287.43	7.950	3.817	4.133	52.507	.006
5.000	100.000	9	72.36	3.972	287.43	7.950	3.817	4.133	52.507	.006
4.000	5.000	1	73.44	3.968	291.40	7.901	3.789	4.112	52.176	.020
4.000	5.000	2	73.44	3.968	291.40	7.901	3.789	4.112	52.176	.020
4.000	5.000	3	73.98	3.965	293.33	7.876	3.776	4.100	52.042	.019
4.000	5.000	4	73.98	3.965	293.33	7.876	3.776	4.100	52.042	.019
4.000	5.000	5	77.76	3.951	307.22	7.721	3.706	4.015	51.290	.034
4.000	5.000	6	77.76	3.951	307.22	7.721	3.706	4.015	51.290	.034
4.000	5.000	7	81.00	3.939	319.08	7.593	3.646	3.948	50.553	.032
4.000	5.000	8	81.00	3.939	319.08	7.593	3.646	3.948	50.553	.032
4.000	5.000	9	81.00	3.939	319.08	7.593	3.646	3.948	50.553	.032
.010	4.000	1	144.18	3.662	528.01	5.554	2.572	2.983	37.423	.265
.010	4.000	2	144.18	3.662	528.01	5.554	2.572	2.983	37.423	.265
.010	4.000	3	201.96	3.605	727.99	4.775	2.239	2.535	34.178	.192
.010	4.000	4	201.96	3.605	727.99	4.775	2.239	2.535	34.178	.192
.010	4.000	5	217.62	3.594	782.18	4.646	2.184	2.461	33.688	.200
.010	4.000	6	217.62	3.594	782.18	4.646	2.184	2.461	33.688	.200
.010	4.000	7	233.82	3.586	838.47	4.575	2.157	2.417	33.170	.187
.010	4.000	8	233.82	3.586	838.47	4.575	2.157	2.417	33.170	.187
.010	4.000	9	274.86	3.583	984.81	4.239	1.990	2.248	31.049	.159
.000	.010	1	284.04	3.564	1012.35	4.123	1.936	2.187	30.204	.155
.000	.010	2	284.04	3.564	1012.35	4.123	1.936	2.187	30.204	.155
.000	.010	3	290.52	3.552	1031.79	4.046	1.900	2.146	29.635	.152
.000	.010	4	290.52	3.552	1031.79	4.046	1.900	2.146	29.635	.152
.000	.010	5	295.92	3.541	1047.99	3.983	1.870	2.113	29.177	.149

.000	.010	5	302.94	3.529	1069.05	3.905	1.833	2.071	28.602	.146
.000	9999.000	10	13228.92	2.719	35969.19	.116	.054	.062	.850	.004
.000	9999.000	11	15909.30	2.615	41595.31	.100	.047	.053	.735	.004
.000	9999.000	12	15909.30	2.615	41595.31	.100	.047	.053	.735	.004
.000	9999.000	****	15909.30	2.615	41595.31	.100	.047	.053	.735	.004

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TOTAL			15909.30	2.615	41595.31	.100	.047	.053	.735	.004
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 60W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 997 SECTION 60W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	2	4.32	3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	5	11.34	3.799	43.08	5.785	2.922	2.863	42.974	.434
5.000	100.000	6	71.82	3.764	270.33	9.415	3.557	5.858	54.930	.745
5.000	100.000	7	18.36	3.883	71.29	10.998	4.961	6.037	63.370	1.059
4.000	5.000	5	13.50	3.697	49.91	4.337	2.184	2.153	34.649	.699
4.000	5.000	6	16.74	3.714	62.17	4.650	2.173	2.477	29.189	.302
.010	4.000	1	107.46	3.229	346.99	1.440	.568	.871	15.890	.897
.010	4.000	3	82.08	3.423	280.96	2.611	1.324	1.287	25.255	.022
.010	4.000	5	46.44	3.557	165.20	3.407	1.680	1.728	29.188	.693
.010	4.000	6	13.50	3.657	49.37	3.195	1.376	1.820	22.904	.224
.010	4.000	9	56.16	2.945	165.37	.623	.278	.345	6.058	.000
.000	.010	1	23.22	3.000	69.66	.000	.000	.000	.000	.000
.000	.010	3	8.64	3.000	25.92	.000	.000	.000	.000	.000
.000	.010	5	3.78	3.000	11.34	.000	.000	.000	.000	.000
.000	.010	6	7.56	3.000	22.68	.000	.000	.000	.000	.000
.000	9999.000	10	12670.56	2.700	34210.51	.000	.000	.000	.000	.000
.000	9999.000	11	2876.17	2.099	6037.08	.004	.001	.002	.018	.000
TOTAL			16031.65	2.613	41895.18	.150	.064	.086	1.078	.019

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 60W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 B1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 997 SECTION 60W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	2	4.32		3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	3	4.32		3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	4	4.32		3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	5	15.66		3.601	56.39	6.770	3.066	3.704	45.917	.396
5.000	100.000	6	87.48		3.735	326.72	8.958	3.472	5.486	53.375	.685
5.000	100.000	7	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
5.000	100.000	8	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
5.000	100.000	9	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	1	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	2	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	3	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	4	105.84		3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	5	119.34		3.753	447.92	8.768	3.566	5.202	52.879	.746
4.000	5.000	6	136.08		3.748	510.08	8.266	3.396	4.870	49.992	.692
4.000	5.000	7	136.08		3.748	510.08	8.266	3.396	4.870	49.992	.692
4.000	5.000	8	136.08		3.748	510.08	8.266	3.396	4.870	49.992	.692
4.000	5.000	9	136.08		3.748	510.08	8.266	3.396	4.870	49.992	.692
.010	4.000	1	243.54		3.519	857.07	5.502	2.251	3.251	36.186	.775
.010	4.000	2	243.54		3.519	857.07	5.502	2.251	3.251	36.186	.775
.010	4.000	3	325.62		3.495	1138.03	4.789	2.022	2.766	33.487	.589
.010	4.000	4	325.62		3.495	1138.03	4.789	2.022	2.766	33.487	.589
.010	4.000	5	372.06		3.503	1303.23	4.613	1.979	2.635	32.942	.602
.010	4.000	6	385.56		3.508	1352.61	4.562	1.957	2.605	32.576	.588
.010	4.000	7	385.56		3.508	1352.61	4.562	1.957	2.605	32.576	.588
.010	4.000	8	385.56		3.508	1352.61	4.562	1.957	2.605	32.576	.588
.010	4.000	9	441.72		3.437	1517.98	4.133	1.774	2.359	29.687	.524
.000	.010	1	464.94		3.415	1587.64	3.951	1.696	2.255	28.384	.501
.000	.010	2	464.94		3.415	1587.64	3.951	1.696	2.255	28.384	.501
.000	.010	3	473.58		3.407	1613.56	3.888	1.669	2.219	27.928	.493

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CURRAGH RESOURCES

.000	.010	6	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	.010	7	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	.010	8	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	.010	9	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	9999.000	10	13155.48	2.726	35858.09	.175	.075	.100	1.257	.022
.000	9999.000	11	16031.65	2.613	41895.18	.150	.064	.086	1.078	.019
.000	9999.000	12	16031.65	2.613	41895.18	.150	.064	.086	1.078	.019
.000	9999.000	****	16031.65	2.613	41895.18	.150	.064	.086	1.078	.019

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TOTAL			16031.65	2.613	41895.18	.150	.064	.086	1.078	.019
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 62W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 61 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 998 SECTION 62W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	4	19.44	3.430	66.69	9.986	3.509	6.477	6.191	1.280	
5.000	100.000	5	58.86	3.608	212.35	5.968	2.813	3.154	4.575	1.036	
5.000	100.000	6	39.42	3.945	155.52	12.404	4.384	8.019	6.876	1.159	
5.000	100.000	7	21.06	3.937	82.91	10.384	4.508	5.876	6.852	1.151	
4.000	5.000	1	8.10	2.892	23.43	4.891	1.793	3.097	3.193	.512	
4.000	5.000	5	16.74	3.960	66.28	4.620	2.216	2.404	4.064	1.306	
4.000	5.000	6	2.16	3.746	8.09	4.925	2.551	2.374	4.050	1.286	
4.000	5.000	9	6.48	3.336	21.62	4.598	2.041	2.557	3.017	.494	
.010	4.000	1	4.32	3.185	13.76	2.721	1.223	1.498	2.222	1.060	
.010	4.000	3	2.16	3.315	7.16	3.335	1.247	2.089	2.125	.505	
.010	4.000	5	4.32	4.041	17.46	2.803	1.322	1.481	3.126	1.059	
.000	9999.000	10	12941.99	2.700	34943.37	.000	.000	.000	.000	.000	
.000	9999.000	11	3035.47	2.099	6371.46	.000	.000	.000	.000	.000	
TOTAL			16160.52	2.598	41990.10	.128	.052	.076	.085	.018	

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 62W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 998 SECTION 62W

CUMULATIVE RESULTS

*Ag (g/t)  
 Values to low  
 by 10x*

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES					
					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]	
5.000	100.000	4	19.44	3.430	66.69	9.986	3.509	6.477	6.191	1.280
5.000	100.000	5	78.30	3.564	279.04	6.928	2.980	3.948	4.961	1.094
5.000	100.000	6	117.72	3.691	434.56	8.888	3.482	5.405	5.646	1.117
5.000	100.000	7	138.78	3.729	517.48	9.127	3.647	5.481	5.839	1.123
5.000	100.000	8	138.78	3.729	517.48	9.127	3.647	5.481	5.839	1.123
5.000	100.000	9	138.78	3.729	517.48	9.127	3.647	5.481	5.839	1.123
4.000	5.000	1	146.88	3.683	540.90	8.944	3.566	5.378	5.725	1.096
4.000	5.000	2	146.88	3.683	540.90	8.944	3.566	5.378	5.725	1.096
4.000	5.000	3	146.88	3.683	540.90	8.944	3.566	5.378	5.725	1.096
4.000	5.000	4	146.88	3.683	540.90	8.944	3.566	5.378	5.725	1.096
4.000	5.000	5	163.62	3.711	607.18	8.472	3.419	5.053	5.543	1.119
4.000	5.000	6	165.78	3.711	615.28	8.425	3.408	5.018	5.524	1.121
4.000	5.000	7	165.78	3.711	615.28	8.425	3.408	5.018	5.524	1.121
4.000	5.000	8	165.78	3.711	615.28	8.425	3.408	5.018	5.524	1.121
4.000	5.000	9	172.26	3.697	636.90	8.295	3.361	4.934	5.439	1.100
.010	4.000	1	176.58	3.685	650.66	8.178	3.316	4.862	5.371	1.099
.010	4.000	2	176.58	3.685	650.66	8.178	3.316	4.862	5.371	1.099
.010	4.000	3	178.74	3.680	657.82	8.125	3.293	4.831	5.335	1.093
.010	4.000	4	178.74	3.680	657.82	8.125	3.293	4.831	5.335	1.093
.010	4.000	5	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.010	4.000	6	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.010	4.000	7	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.010	4.000	8	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.010	4.000	9	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.000	.010	1	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.000	.010	2	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.000	.010	3	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.000	.010	4	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092

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.000	.010	8	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.000	.010	9	183.06	3.689	675.27	7.987	3.242	4.745	5.278	1.092
.000	9999.000	10	13125.05	2.714	35618.64	.151	.061	.090	.100	.021
.000	9999.000	11	16160.52	2.598	41990.10	.128	.052	.076	.085	.018
.000	9999.000	12	16160.52	2.598	41990.10	.128	.052	.076	.085	.018
.000	9999.000	****	16160.52	2.598	41990.10	.128	.052	.076	.085	.018

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TOTAL			16160.52	2.598	41990.10	.128	.052	.076	.085	.018
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 64W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 999 SECTION 64W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE	AVERAGE GRADES				
		[bcm x1000]	[bcm x1000]	[tn/bcm]	[ TONS x1000]	[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	24.30	3.068	74.54	7.593	2.594	4.999	4.043	.659
5.000	100.000	2	21.06	3.339	70.32	7.912	3.197	4.714	5.450	1.009
5.000	100.000	3	8.64	3.530	30.50	5.533	2.775	2.757	4.018	1.162
5.000	100.000	4	14.58	3.708	54.06	17.509	6.113	11.397	10.625	1.618
5.000	100.000	5	27.54	3.867	106.50	6.625	3.046	3.580	4.774	1.103
5.000	100.000	6	39.96	3.903	155.96	15.801	6.030	9.771	10.215	1.078
5.000	100.000	7	73.98	3.990	295.16	11.076	4.837	6.239	7.324	.944
4.000	5.000	1	49.14	3.040	149.41	4.496	1.722	2.775	3.129	.733
4.000	5.000	2	2.16	3.067	6.62	4.798	1.710	3.088	2.700	.760
4.000	5.000	3	8.64	3.589	31.01	4.501	2.255	2.246	3.526	1.172
4.000	5.000	4	1.62	3.602	5.83	4.555	2.360	2.195	3.901	1.195
4.000	5.000	5	24.84	3.731	92.69	4.309	1.992	2.318	3.274	1.104
.010	4.000	1	28.08	3.133	87.98	3.467	1.474	1.994	2.724	.620
.010	4.000	2	.54	3.366	1.82	3.984	1.658	2.326	3.000	1.062
.010	4.000	3	12.96	3.397	44.03	2.403	.842	1.561	2.416	1.122
.010	4.000	4	39.42	3.481	137.23	3.265	1.911	1.354	3.344	.818
.010	4.000	5	46.98	3.682	172.96	3.693	1.834	1.859	3.026	1.010
.010	4.000	6	.54	3.433	1.85	3.928	1.451	2.477	2.800	.272
.010	4.000	9	15.12	3.163	47.82	3.589	1.743	1.846	2.149	.419
.000	.010	2	6.48	2.850	18.47	.000	.000	.000	.000	.000
.000	9999.000	10	12880.90	2.700	34778.42	.000	.000	.000	.000	.000
.000	9999.000	11	2974.22	2.099	6242.90	.000	.000	.000	.000	.000

TOTAL 16301.70 2.614 42606.11 .273 .115 .158 .188 .035

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 64W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : 999 SECTION 64W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES [Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	24.30	3.068	74.54	7.593	2.594	4.999	4.043	.659
5.000	100.000	2	45.36	3.194	144.87	7.748	2.887	4.861	4.726	.829
5.000	100.000	3	54.00	3.248	175.37	7.363	2.867	4.495	4.603	.887
5.000	100.000	4	68.58	3.345	229.43	9.754	3.632	6.121	6.022	1.059
5.000	100.000	5	96.12	3.495	335.94	8.762	3.446	5.316	5.626	1.073
5.000	100.000	6	136.08	3.615	491.90	10.994	4.265	6.728	7.081	1.075
5.000	100.000	7	210.06	3.747	787.06	11.025	4.480	6.545	7.172	1.026
5.000	100.000	8	210.06	3.747	787.06	11.025	4.480	6.545	7.172	1.026
5.000	100.000	9	210.06	3.747	787.06	11.025	4.480	6.545	7.172	1.026
4.000	5.000	1	259.20	3.613	936.46	9.983	4.040	5.943	6.527	.979
4.000	5.000	2	261.36	3.608	943.09	9.947	4.023	5.923	6.500	.977
4.000	5.000	3	270.00	3.608	974.10	9.773	3.967	5.806	6.406	.984
4.000	5.000	4	271.62	3.608	979.93	9.742	3.957	5.785	6.391	.985
4.000	5.000	5	296.46	3.618	1072.62	9.273	3.788	5.485	6.121	.995
4.000	5.000	6	296.46	3.618	1072.62	9.273	3.788	5.485	6.121	.995
4.000	5.000	7	296.46	3.618	1072.62	9.273	3.788	5.485	6.121	.995
4.000	5.000	8	296.46	3.618	1072.62	9.273	3.788	5.485	6.121	.995
4.000	5.000	9	296.46	3.618	1072.62	9.273	3.788	5.485	6.121	.995
.010	4.000	1	324.54	3.576	1160.60	8.833	3.612	5.220	5.864	.967
.010	4.000	2	325.08	3.576	1162.42	8.825	3.609	5.216	5.859	.967
.010	4.000	3	338.04	3.569	1206.45	8.591	3.508	5.083	5.734	.973
.010	4.000	4	377.46	3.560	1343.68	8.047	3.345	4.702	5.490	.957
.010	4.000	5	424.44	3.573	1516.65	7.550	3.173	4.377	5.209	.963
.010	4.000	6	424.98	3.573	1518.50	7.546	3.171	4.375	5.206	.962
.010	4.000	7	424.98	3.573	1518.50	7.546	3.171	4.375	5.206	.962
.010	4.000	8	424.98	3.573	1518.50	7.546	3.171	4.375	5.206	.962
.010	4.000	9	440.10	3.559	1566.32	7.425	3.127	4.298	5.112	.945
.000	.010	1	440.10	3.559	1566.32	7.425	3.127	4.298	5.112	.945
.000	.010	2	446.58	3.549	1584.79	7.338	3.091	4.248	5.053	.934

.000	.010	5	446.58	3.549	1584.79	7.338	3.091	4.248	5.053	.934
.000	.010	6	446.58	3.549	1584.79	7.338	3.091	4.248	5.053	.934
.000	.010	7	446.58	3.549	1584.79	7.338	3.091	4.248	5.053	.934
.000	.010	8	446.58	3.549	1584.79	7.338	3.091	4.248	5.053	.934
.000	.010	9	446.58	3.549	1584.79	7.338	3.091	4.248	5.053	.934
.000	9999.000	10	13327.48	2.728	36363.21	.320	.135	.185	.220	.041
.000	9999.000	11	16301.70	2.614	42606.11	.273	.115	.158	.188	.035
.000	9999.000	12	16301.70	2.614	42606.11	.273	.115	.158	.188	.035
.000	9999.000	****	16301.70	2.614	42606.11	.273	.115	.158	.188	.035

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TOTAL			16301.70	2.614	42606.11	.273	.115	.158	.188	.035
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 66W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 66W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	17.82		3.301	58.82	7.546	2.771	4.775	4.748	.951
5.000	100.000	2	41.04		3.172	130.18	7.316	2.680	4.636	4.477	.898
5.000	100.000	3	4.86		3.541	17.21	5.208	3.034	2.175	3.529	.935
5.000	100.000	4	42.66		3.389	144.58	11.451	4.354	7.096	7.100	1.265
5.000	100.000	5	69.12		3.786	261.69	8.861	3.560	5.301	5.596	1.180
5.000	100.000	6	46.98		3.965	186.27	16.606	6.829	9.778	11.359	1.117
5.000	100.000	7	130.14		3.936	512.29	11.127	4.965	6.162	7.877	.852
4.000	5.000	1	11.34		2.990	33.90	4.312	1.449	2.863	2.857	.449
4.000	5.000	3	27.00		3.569	96.37	4.531	2.380	2.151	3.345	.921
4.000	5.000	4	.54		3.339	1.80	4.790	1.209	3.581	2.600	1.628
4.000	5.000	5	36.72		3.829	140.59	4.645	1.964	2.681	3.445	1.087
.010	4.000	1	22.14		3.023	66.93	3.289	1.120	2.170	2.437	.658
.010	4.000	3	62.10		3.569	221.66	2.865	1.059	1.807	2.591	.664
.010	4.000	4	.54		3.305	1.78	3.993	.767	3.226	1.800	1.664
.010	4.000	5	2.16		3.801	8.21	3.808	1.801	2.007	3.045	.944
.000	.010	4	1.62		2.850	4.62	.000	.000	.000	.000	.000
.000	.010	5	1.08		2.850	3.08	.000	.000	.000	.000	.000
.000	.010	6	4.32		2.869	12.39	.000	.000	.000	.000	.000
.000	.010	7	14.04		2.850	40.01	.000	.000	.000	.000	.000
.000	.010	9	2.16		2.850	6.16	.000	.000	.000	.000	.000
.000	9999.000	10	13313.17		2.700	35945.56	.000	.000	.000	.000	.000
.000	9999.000	11	2607.85		2.099	5473.88	.000	.000	.000	.000	.000
TOTAL			16459.40		2.635	43367.98	.378	.157	.221	.259	.041

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 66W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 66W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES					
					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]	
5.000	100.000	1	17.82	3.301	58.82	7.546	2.771	4.775	4.748	.951
5.000	100.000	2	58.86	3.211	188.99	7.388	2.709	4.679	4.562	.915
5.000	100.000	3	63.72	3.236	206.20	7.206	2.736	4.470	4.475	.916
5.000	100.000	4	106.38	3.297	350.78	8.956	3.403	5.553	5.557	1.060
5.000	100.000	5	175.50	3.490	612.47	8.915	3.470	5.445	5.574	1.111
5.000	100.000	6	222.48	3.590	798.74	10.709	4.253	6.456	6.923	1.113
5.000	100.000	7	352.62	3.718	1311.03	10.872	4.531	6.341	7.296	1.011
5.000	100.000	8	352.62	3.718	1311.03	10.872	4.531	6.341	7.296	1.011
5.000	100.000	9	352.62	3.718	1311.03	10.872	4.531	6.341	7.296	1.011
4.000	5.000	1	363.96	3.695	1344.93	10.707	4.454	6.253	7.184	.996
4.000	5.000	2	363.96	3.695	1344.93	10.707	4.454	6.253	7.184	.996
4.000	5.000	3	390.96	3.687	1441.30	10.294	4.315	5.979	6.927	.991
4.000	5.000	4	391.50	3.686	1443.10	10.287	4.311	5.976	6.922	.992
4.000	5.000	5	428.22	3.698	1583.69	9.786	4.103	5.683	6.613	1.001
4.000	5.000	6	428.22	3.698	1583.69	9.786	4.103	5.683	6.613	1.001
4.000	5.000	7	428.22	3.698	1583.69	9.786	4.103	5.683	6.613	1.001
4.000	5.000	8	428.22	3.698	1583.69	9.786	4.103	5.683	6.613	1.001
4.000	5.000	9	428.22	3.698	1583.69	9.786	4.103	5.683	6.613	1.001
.010	4.000	1	450.36	3.665	1650.62	9.523	3.982	5.541	6.444	.987
.010	4.000	2	450.36	3.665	1650.62	9.523	3.982	5.541	6.444	.987
.010	4.000	3	512.46	3.654	1872.28	8.735	3.636	5.099	5.988	.948
.010	4.000	4	513.00	3.653	1874.07	8.730	3.633	5.097	5.984	.949
.010	4.000	5	515.16	3.654	1882.28	8.709	3.625	5.084	5.971	.949
.010	4.000	6	515.16	3.654	1882.28	8.709	3.625	5.084	5.971	.949
.010	4.000	7	515.16	3.654	1882.28	8.709	3.625	5.084	5.971	.949
.010	4.000	8	515.16	3.654	1882.28	8.709	3.625	5.084	5.971	.949
.010	4.000	9	515.16	3.654	1882.28	8.709	3.625	5.084	5.971	.949
.000	.010	1	515.16	3.654	1882.28	8.709	3.625	5.084	5.971	.949

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.000	.010	5	517.86	3.650	1889.97	8.673	3.610	5.063	5.947	.945
.000	.010	6	522.18	3.643	1902.37	8.617	3.587	5.030	5.908	.939
.000	.010	7	536.22	3.622	1942.38	8.439	3.513	4.926	5.786	.920
.000	.010	8	536.22	3.622	1942.38	8.439	3.513	4.926	5.786	.920
.000	.010	9	538.38	3.619	1948.54	8.412	3.502	4.911	5.768	.917
.000	9999.000	10	13851.55	2.736	37894.10	.433	.180	.253	.297	.047
.000	9999.000	11	16459.40	2.635	43367.98	.378	.157	.221	.259	.041
.000	9999.000	12	16459.40	2.635	43367.98	.378	.157	.221	.259	.041
.000	9999.000	****	16459.40	2.635	43367.98	.378	.157	.221	.259	.041

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TOTAL			16459.40	2.635	43367.98	.378	.157	.221	.259	.041
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 68W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grun 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 68W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE		AVERAGE GRADES			
			[bcm x1000]		[tn/bcm]	[ TONS x1000]	[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	29.70		3.133	93.05	6.663	2.529	4.134	4.037	.746
5.000	100.000	2	22.14		3.621	80.16	11.776	4.468	7.308	7.209	.614
5.000	100.000	3	4.86		3.700	17.98	5.259	2.333	2.926	3.888	1.028
5.000	100.000	4	47.52		3.640	172.97	14.475	5.305	9.170	8.546	.937
5.000	100.000	5	92.34		3.730	344.39	8.380	3.523	4.856	5.678	1.132
5.000	100.000	6	68.04		3.941	268.18	14.770	5.432	9.338	8.934	1.230
5.000	100.000	7	41.04		3.894	159.82	11.448	5.117	6.331	8.106	.824
4.000	5.000	1	11.88		3.042	36.13	4.323	1.487	2.835	2.603	.666
4.000	5.000	2	3.78		4.186	15.82	4.150	2.108	2.042	3.700	.559
4.000	5.000	3	14.04		3.628	50.93	4.758	2.095	2.662	3.827	.943
4.000	5.000	4	1.08		3.757	4.06	4.233	2.077	2.155	3.350	1.128
4.000	5.000	5	18.90		3.744	70.76	4.371	2.041	2.330	3.554	1.137
.010	4.000	1	113.94		3.001	341.94	2.934	.985	1.949	2.066	.591
.010	4.000	2	.54		4.270	2.31	3.869	2.037	1.832	3.600	.552
.010	4.000	3	73.98		3.342	247.26	3.076	1.457	1.619	2.425	.628
.010	4.000	4	5.40		3.743	20.21	3.646	1.826	1.821	3.150	1.228
.010	4.000	5	71.28		3.580	255.19	3.286	1.731	1.555	2.732	.846
.010	4.000	8	4.32		3.553	15.35	3.480	1.829	1.651	2.825	.351
.000	.010	1	.54		2.850	1.54	.000	.000	.000	.000	.000
.000	.010	2	3.78		2.850	10.77	.000	.000	.000	.000	.000
.000	.010	4	4.32		2.850	12.31	.000	.000	.000	.000	.000
.000	.010	5	14.04		2.850	40.01	.000	.000	.000	.000	.000
.000	.010	6	16.20		2.915	47.22	.000	.000	.000	.000	.000
.000	.010	7	8.64		2.859	24.70	.000	.000	.000	.000	.000
.000	9999.000	10	13732.02		2.700	37076.48	.000	.000	.000	.000	.000
.000	9999.000	11	2197.30		2.099	4612.12	.000	.000	.000	.000	.000

TOTAL 16601.62 2.652 44021.67 .372 .150 .222 .247 .044

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 68W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 68W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
5.000	100.000	1	29.70	3.133	93.05	6.663	2.529	4.134	4.037	.746
5.000	100.000	2	51.84	3.341	173.21	9.029	3.426	5.603	5.505	.685
5.000	100.000	3	56.70	3.372	191.19	8.675	3.324	5.351	5.353	.717
5.000	100.000	4	104.22	3.494	364.17	11.430	4.265	7.165	6.869	.822
5.000	100.000	5	196.56	3.605	708.56	9.947	3.904	6.043	6.291	.973
5.000	100.000	6	264.60	3.691	976.74	11.271	4.324	6.948	7.016	1.043
5.000	100.000	7	305.64	3.719	1136.56	11.296	4.435	6.861	7.170	1.013
5.000	100.000	8	305.64	3.719	1136.56	11.296	4.435	6.861	7.170	1.013
5.000	100.000	9	305.64	3.719	1136.56	11.296	4.435	6.861	7.170	1.013
4.000	5.000	1	317.52	3.693	1172.69	11.081	4.344	6.737	7.029	1.002
4.000	5.000	2	321.30	3.699	1188.51	10.989	4.315	6.674	6.985	.996
4.000	5.000	3	335.34	3.696	1239.44	10.733	4.223	6.510	6.855	.994
4.000	5.000	4	336.42	3.696	1243.50	10.712	4.216	6.495	6.843	.994
4.000	5.000	5	355.32	3.699	1314.26	10.370	4.099	6.271	6.666	1.002
4.000	5.000	6	355.32	3.699	1314.26	10.370	4.099	6.271	6.666	1.002
4.000	5.000	7	355.32	3.699	1314.26	10.370	4.099	6.271	6.666	1.002
4.000	5.000	8	355.32	3.699	1314.26	10.370	4.099	6.271	6.666	1.002
4.000	5.000	9	355.32	3.699	1314.26	10.370	4.099	6.271	6.666	1.002
.010	4.000	1	469.26	3.529	1656.20	8.835	3.456	5.379	5.716	.917
.010	4.000	2	469.80	3.530	1658.50	8.828	3.454	5.374	5.714	.917
.010	4.000	3	543.78	3.505	1905.77	8.082	3.195	4.887	5.287	.879
.010	4.000	4	549.18	3.507	1925.98	8.035	3.181	4.854	5.264	.883
.010	4.000	5	620.46	3.515	2181.17	7.480	3.011	4.468	4.968	.879
.010	4.000	6	620.46	3.515	2181.17	7.480	3.011	4.468	4.968	.879
.010	4.000	7	620.46	3.515	2181.17	7.480	3.011	4.468	4.968	.879
.010	4.000	8	624.78	3.516	2196.52	7.452	3.003	4.449	4.953	.875
.010	4.000	9	624.78	3.516	2196.52	7.452	3.003	4.449	4.953	.875
.000	.010	1	625.32	3.515	2198.06	7.446	3.001	4.446	4.950	.874

.000	.010	5	647.46	3.492	2261.16	7.239	2.917	4.322	4.812	.850
.000	.010	6	663.66	3.478	2308.38	7.091	2.857	4.233	4.713	.832
.000	.010	7	672.30	3.470	2333.09	7.015	2.827	4.188	4.663	.824
.000	.010	8	672.30	3.470	2333.09	7.015	2.827	4.188	4.663	.824
.000	.010	9	672.30	3.470	2333.09	7.015	2.827	4.188	4.663	.824
.000	9999.000	10	14404.32	2.736	39409.54	.415	.167	.248	.276	.049
.000	9999.000	11	16601.62	2.652	44021.67	.372	.150	.222	.247	.044
.000	9999.000	12	16601.62	2.652	44021.67	.372	.150	.222	.247	.044
.000	9999.000	****	16601.62	2.652	44021.67	.372	.150	.222	.247	.044

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TOTAL			16601.62	2.652	44021.67	.372	.150	.222	.247	.044
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 70W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 70W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000 100.000	1	100.98	3.243	327.45	6.032	1.959	4.073	3.535	1.052
5.000 100.000	2	93.96	3.159	296.79	8.202	2.814	5.389	4.602	.814
5.000 100.000	3	8.10	3.771	30.54	6.036	2.442	3.594	4.598	1.386
5.000 100.000	4	65.88	3.643	239.97	17.661	5.918	11.743	10.124	1.475
5.000 100.000	5	36.72	3.670	134.78	11.337	4.168	7.169	6.746	1.405
5.000 100.000	6	131.76	4.014	528.92	14.811	5.738	9.073	9.057	1.287
5.000 100.000	7	90.72	4.163	377.67	12.998	5.322	7.676	8.568	.996
5.000 100.000	9	30.24	3.106	93.94	5.886	2.049	3.836	3.258	.548
4.000 5.000	1	40.50	3.348	135.61	4.473	1.953	2.520	3.372	.984
4.000 5.000	3	42.66	2.992	127.62	4.352	1.401	2.951	2.749	.524
4.000 5.000	9	50.76	2.921	148.25	4.375	1.405	2.970	2.695	.465
.010 4.000	1	32.94	2.967	97.72	3.384	1.282	2.102	2.519	.629
.010 4.000	3	12.96	3.386	43.88	3.252	1.626	1.627	2.983	.526
.010 4.000	9	7.56	2.893	21.87	3.823	1.184	2.638	2.443	.462
.000 .010	2	6.48	2.850	18.47	.000	.000	.000	.000	.000
.000 .010	3	5.40	3.000	16.20	.000	.000	.000	.000	.000
.000 .010	4	9.72	2.850	27.70	.000	.000	.000	.000	.000
.000 .010	9	17.28	2.850	49.25	.000	.000	.000	.000	.000
.000 9999.000	10	14185.96	2.700	38302.09	.000	.000	.000	.000	.000
.000 9999.000	11	1801.80	2.099	3781.98	.000	.000	.000	.000	.000

TOTAL 16772.38 2.671 44800.70 .581 .215 .366 .357 .059

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 70W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 B1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 70W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	100.98		3.243	327.45	6.032	1.959	4.073	3.535	1.052
5.000	100.000	2	194.94		3.202	624.24	7.064	2.365	4.699	4.043	.939
5.000	100.000	3	203.04		3.225	654.79	7.016	2.369	4.647	4.069	.960
5.000	100.000	4	268.92		3.327	894.76	9.871	3.321	6.550	5.693	1.098
5.000	100.000	5	305.64		3.368	1029.54	10.063	3.432	6.631	5.830	1.138
5.000	100.000	6	437.40		3.563	1558.46	11.674	4.214	7.460	6.925	1.189
5.000	100.000	7	528.12		3.666	1936.12	11.933	4.431	7.502	7.246	1.151
5.000	100.000	8	528.12		3.666	1936.12	11.933	4.431	7.502	7.246	1.151
5.000	100.000	9	558.36		3.636	2030.06	11.653	4.320	7.332	7.061	1.123
4.000	5.000	1	598.86		3.616	2165.67	11.203	4.172	7.031	6.830	1.115
4.000	5.000	2	598.86		3.616	2165.67	11.203	4.172	7.031	6.830	1.115
4.000	5.000	3	641.52		3.575	2293.29	10.822	4.018	6.804	6.603	1.082
4.000	5.000	4	641.52		3.575	2293.29	10.822	4.018	6.804	6.603	1.082
4.000	5.000	5	641.52		3.575	2293.29	10.822	4.018	6.804	6.603	1.082
4.000	5.000	6	641.52		3.575	2293.29	10.822	4.018	6.804	6.603	1.082
4.000	5.000	7	641.52		3.575	2293.29	10.822	4.018	6.804	6.603	1.082
4.000	5.000	8	641.52		3.575	2293.29	10.822	4.018	6.804	6.603	1.082
4.000	5.000	9	692.28		3.527	2441.54	10.430	3.859	6.571	6.366	1.044
.010	4.000	1	725.22		3.501	2539.26	10.159	3.760	6.399	6.218	1.028
.010	4.000	2	725.22		3.501	2539.26	10.159	3.760	6.399	6.218	1.028
.010	4.000	3	738.18		3.499	2583.15	10.042	3.724	6.318	6.163	1.020
.010	4.000	4	738.18		3.499	2583.15	10.042	3.724	6.318	6.163	1.020
.010	4.000	5	738.18		3.499	2583.15	10.042	3.724	6.318	6.163	1.020
.010	4.000	6	738.18		3.499	2583.15	10.042	3.724	6.318	6.163	1.020
.010	4.000	7	738.18		3.499	2583.15	10.042	3.724	6.318	6.163	1.020
.010	4.000	8	738.18		3.499	2583.15	10.042	3.724	6.318	6.163	1.020
.010	4.000	9	745.74		3.493	2605.02	9.990	3.703	6.287	6.132	1.015
.000	.010	1	745.74		3.493	2605.02	9.990	3.703	6.287	6.132	1.015

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.000	.010	5	767.34	3.476	2667.39	9.756	3.616	6.140	5.988	.991
.000	.010	6	767.34	3.476	2667.39	9.756	3.616	6.140	5.988	.991
.000	.010	7	767.34	3.476	2667.39	9.756	3.616	6.140	5.988	.991
.000	.010	8	767.34	3.476	2667.39	9.756	3.616	6.140	5.988	.991
.000	.010	9	784.62	3.462	<del>2716.64</del>	9.579	3.550	6.029	5.880	.973
.000	9999.000	10	14970.58	2.740	41018.72	.634	.235	.399	.389	.064
.000	9999.000	11	16772.38	2.671	44800.70	.581	.215	.366	.357	.059
.000	9999.000	12	16772.38	2.671	44800.70	.581	.215	.366	.357	.059
.000	9999.000	****	16772.38	2.671	44800.70	.581	.215	.366	.357	.059

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TOTAL			16772.38	2.671	44800.70	.581	.215	.366	.357	.059
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 72W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 72W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	70.74	3.150	222.80	6.870	2.479	4.392	4.089	.861	
5.000	100.000	2	210.06	3.202	672.53	7.368	2.959	4.410	4.827	.980	
5.000	100.000	3	2.16	3.013	6.51	5.207	1.652	3.555	2.625	.468	
5.000	100.000	4	99.36	3.377	335.52	9.370	3.778	5.592	6.340	1.314	
5.000	100.000	5	37.80	3.616	136.68	10.613	4.040	6.573	6.825	.990	
5.000	100.000	6	149.04	4.104	611.71	13.547	4.917	8.630	8.440	1.257	
5.000	100.000	7	49.68	4.100	203.67	12.249	5.610	6.639	8.890	.941	
5.000	100.000	9	70.74	2.988	211.40	7.450	2.606	4.844	4.812	.657	
4.000	5.000	1	36.18	3.073	111.19	4.493	1.843	2.649	3.316	.658	
4.000	5.000	2	1.08	3.007	3.25	4.826	2.328	2.498	3.350	1.161	
4.000	5.000	3	4.86	3.041	14.78	4.662	1.543	3.120	2.539	.578	
4.000	5.000	4	.54	2.895	1.56	4.915	1.530	3.385	2.600	.255	
4.000	5.000	5	6.48	3.552	23.02	4.329	1.624	2.705	3.500	.629	
4.000	5.000	9	8.10	3.033	24.57	4.671	1.641	3.029	2.708	.460	
.010	4.000	1	24.30	3.020	73.39	3.412	1.516	1.896	2.535	.647	
.010	4.000	2	.54	3.129	1.69	3.848	1.379	2.469	3.300	.846	
.010	4.000	3	46.44	3.305	153.50	2.757	.830	1.928	2.104	.967	
.010	4.000	4	.54	3.593	1.94	2.855	.944	1.911	2.500	1.096	
.010	4.000	9	1.08	2.994	3.23	3.478	1.268	2.210	1.951	.396	
.000	.010	1	2.16	2.850	6.16	.000	.000	.000	.000	.000	
.000	.010	3	2.70	2.850	7.70	.000	.000	.000	.000	.000	
.000	.010	4	3.24	2.850	9.23	.000	.000	.000	.000	.000	
.000	.010	5	1.08	2.850	3.08	.000	.000	.000	.000	.000	
.000	.010	9	2.16	2.850	6.16	.000	.000	.000	.000	.000	
.000	9999.000	10	14731.68	2.700	39775.54	.000	.000	.000	.000	.000	
.000	9999.000	11	1352.59	2.099	2839.09	.000	.000	.000	.000	.000	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 72W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 72W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES [Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	70.74	3.150	222.80	6.870	2.479	4.392	4.089	.861
5.000	100.000	2	280.80	3.188	895.33	7.244	2.839	4.405	4.643	.950
5.000	100.000	3	282.96	3.187	901.84	7.230	2.831	4.399	4.629	.947
5.000	100.000	4	382.32	3.236	1237.35	7.810	3.088	4.722	5.093	1.046
5.000	100.000	5	420.12	3.271	1374.03	8.089	3.182	4.906	5.265	1.041
5.000	100.000	6	569.16	3.489	1985.74	9.770	3.717	6.053	6.243	1.108
5.000	100.000	7	618.84	3.538	2189.41	10.001	3.893	6.108	6.489	1.092
5.000	100.000	8	618.84	3.538	2189.41	10.001	3.893	6.108	6.489	1.092
5.000	100.000	9	689.58	3.482	2400.81	9.776	3.780	5.997	6.341	1.054
4.000	5.000	1	725.76	3.461	2511.99	9.542	3.694	5.848	6.208	1.036
4.000	5.000	2	726.84	3.461	2515.24	9.536	3.692	5.844	6.204	1.036
4.000	5.000	3	731.70	3.458	2530.02	9.508	3.680	5.828	6.182	1.034
4.000	5.000	4	732.24	3.457	2531.58	9.505	3.678	5.827	6.180	1.033
4.000	5.000	5	738.72	3.458	2554.60	9.458	3.660	5.799	6.156	1.030
4.000	5.000	6	738.72	3.458	2554.60	9.458	3.660	5.799	6.156	1.030
4.000	5.000	7	738.72	3.458	2554.60	9.458	3.660	5.799	6.156	1.030
4.000	5.000	8	738.72	3.458	2554.60	9.458	3.660	5.799	6.156	1.030
4.000	5.000	9	746.82	3.454	2579.17	9.413	3.640	5.772	6.123	1.024
.010	4.000	1	771.12	3.440	2652.56	9.247	3.582	5.665	6.024	1.014
.010	4.000	2	771.66	3.440	2654.25	9.243	3.580	5.663	6.022	1.014
.010	4.000	3	818.10	3.432	2807.75	8.889	3.430	5.459	5.808	1.011
.010	4.000	4	818.64	3.432	2809.69	8.884	3.428	5.456	5.806	1.011
.010	4.000	5	818.64	3.432	2809.69	8.884	3.428	5.456	5.806	1.011
.010	4.000	6	818.64	3.432	2809.69	8.884	3.428	5.456	5.806	1.011
.010	4.000	7	818.64	3.432	2809.69	8.884	3.428	5.456	5.806	1.011
.010	4.000	8	818.64	3.432	2809.69	8.884	3.428	5.456	5.806	1.011
.010	4.000	9	819.72	3.432	2812.92	8.878	3.426	5.453	5.801	1.010
.000	.010	1	821.88	3.430	2819.08	8.859	3.418	5.441	5.789	1.008
.000	.010	2	821.88	3.430	2819.08	8.859	3.418	5.441	5.789	1.008

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PC-MINE 3.11-1-A



IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 74W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 74W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	157.68	3.081	485.85	7.376	2.669	4.707	4.493	.982
5.000	100.000	2	236.52	3.062	724.14	8.287	2.868	5.419	4.839	.851
5.000	100.000	3	5.40	2.910	15.72	5.363	1.471	3.892	2.986	.524
5.000	100.000	4	99.36	3.479	345.69	11.056	4.146	6.910	6.827	1.195
5.000	100.000	5	39.96	3.534	141.23	9.299	3.697	5.602	6.096	.719
5.000	100.000	6	190.08	4.021	764.23	13.435	5.188	8.248	8.480	1.389
5.000	100.000	7	131.76	4.105	540.91	11.842	4.620	7.223	8.200	1.208
5.000	100.000	8	8.64	3.763	32.52	15.213	5.193	10.020	10.645	1.322
5.000	100.000	9	31.32	3.087	96.68	8.521	3.135	5.385	4.990	.589
4.000	5.000	1	30.24	3.010	91.02	4.517	1.724	2.792	2.950	.725
4.000	5.000	3	39.96	2.921	116.73	4.372	1.389	2.983	2.597	.590
4.000	5.000	5	4.32	3.623	15.65	4.649	2.308	2.340	3.613	1.030
4.000	5.000	9	3.24	2.929	9.49	4.681	1.651	3.030	3.067	.693
.010	4.000	1	33.48	2.927	97.98	3.524	1.548	1.976	2.520	.709
.010	4.000	3	44.28	3.173	140.50	2.756	.991	1.765	1.940	.663
.010	4.000	5	4.86	3.718	18.07	3.538	1.616	1.922	2.878	1.396
.000	.010	3	.54	3.000	1.62	.000	.000	.000	.000	.000
.000	.010	4	1.08	2.850	3.08	.000	.000	.000	.000	.000
.000	.010	5	3.24	2.875	9.31	.000	.000	.000	.000	.000
.000	.010	6	2.16	2.962	6.40	.000	.000	.000	.000	.000
.000	.010	9	4.32	3.000	12.96	.000	.000	.000	.000	.000
.000	9999.000	10	14967.30	2.700	40411.71	.000	.000	.000	.000	.000
.000	9999.000	11	1014.42	2.099	2129.26	.000	.000	.000	.000	.000
TOTAL			17054.16	2.710	46210.75	.749	.281	.469	.475	.081

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 74W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 74W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	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]
5.000	100.000	1	157.68	3.081	485.85	7.376	2.669	4.707	4.493	.882
5.000	100.000	2	394.20	3.069	1209.99	7.921	2.788	5.133	4.700	.864
5.000	100.000	3	399.60	3.067	1225.71	7.889	2.771	5.117	4.678	.859
5.000	100.000	4	498.96	3.149	1571.40	8.585	3.074	5.512	5.151	.933
5.000	100.000	5	538.92	3.178	1712.63	8.644	3.125	5.519	5.229	.915
5.000	100.000	6	729.00	3.398	2476.85	10.123	3.762	6.361	6.232	1.062
5.000	100.000	7	860.76	3.506	3017.77	10.431	3.915	6.515	6.585	1.088
5.000	100.000	8	869.40	3.508	3050.28	10.482	3.929	6.553	6.628	1.090
5.000	100.000	9	900.72	3.494	3146.97	10.422	3.905	6.517	6.578	1.075
4.000	5.000	1	930.96	3.478	3237.99	10.256	3.843	6.412	6.476	1.065
4.000	5.000	2	930.96	3.478	3237.99	10.256	3.843	6.412	6.476	1.065
4.000	5.000	3	970.92	3.455	3354.71	10.051	3.758	6.293	6.341	1.049
4.000	5.000	4	970.92	3.455	3354.71	10.051	3.758	6.293	6.341	1.049
4.000	5.000	5	975.24	3.456	3370.36	10.026	3.751	6.275	6.328	1.048
4.000	5.000	6	975.24	3.456	3370.36	10.026	3.751	6.275	6.328	1.048
4.000	5.000	7	975.24	3.456	3370.36	10.026	3.751	6.275	6.328	1.048
4.000	5.000	8	975.24	3.456	3370.36	10.026	3.751	6.275	6.328	1.048
4.000	5.000	9	978.48	3.454	3379.85	10.011	3.745	6.265	6.319	1.047
.010	4.000	1	1011.96	3.437	3477.84	9.828	3.683	6.145	6.212	1.038
.010	4.000	2	1011.96	3.437	3477.84	9.828	3.683	6.145	6.212	1.038
.010	4.000	3	1056.24	3.426	3618.34	9.553	3.579	5.975	6.046	1.023
.010	4.000	4	1056.24	3.426	3618.34	9.553	3.579	5.975	6.046	1.023
.010	4.000	5	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025
.010	4.000	6	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025
.010	4.000	7	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025
.010	4.000	8	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025
.010	4.000	9	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025
.000	.010	1	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025
.000	.010	2	1061.10	3.427	3636.41	9.524	3.569	5.954	6.030	1.025

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.000	.010	5	1065.96	3.425	3650.42	9.487	3.555	5.932	6.007	1.021
.000	.010	6	1068.12	3.424	3656.82	9.470	3.549	5.921	5.997	1.019
.000	.010	7	1068.12	3.424	3656.82	9.470	3.549	5.921	5.997	1.019
.000	.010	8	1068.12	3.424	3656.82	9.470	3.549	5.921	5.997	1.019
.000	.010	9	1072.44	3.422	3659.76	9.437	3.537	5.900	5.975	1.016
.000	9999.000	10	16039.74	2.748	44081.49	.786	.294	.491	.497	.085
.000	9999.000	11	17054.16	2.710	46210.75	.749	.281	.469	.475	.081
.000	9999.000	12	17054.16	2.710	46210.75	.749	.281	.469	.475	.081
.000	9999.000	****	17054.16	2.710	46210.75	.749	.281	.469	.475	.081

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TOTAL			17054.16	2.710	46210.75	.749	.281	.469	.475	.081
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 76W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 76W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	101.52	3.080	312.72	5.923	2.201	3.722	3.918	.953	
5.000	100.000	2	230.58	3.046	702.43	8.117	2.923	5.194	4.933	.938	
5.000	100.000	4	72.90	3.245	236.53	10.976	4.018	6.957	6.273	1.042	
5.000	100.000	5	39.96	3.625	144.85	9.550	3.699	5.850	6.127	1.095	
5.000	100.000	6	140.40	4.119	578.31	14.583	5.481	9.102	9.423	1.407	
5.000	100.000	7	83.16	4.029	335.01	12.985	5.033	7.952	7.899	1.231	
5.000	100.000	9	34.56	2.966	102.51	6.620	2.365	4.255	4.116	.854	
4.000	5.000	1	136.08	3.019	410.76	4.528	1.656	2.871	3.056	.851	
4.000	5.000	5	13.50	3.863	52.15	4.305	2.252	2.053	4.219	1.127	
4.000	5.000	9	30.78	2.877	88.57	4.385	1.780	2.605	2.719	.763	
.010	4.000	1	76.14	2.930	223.08	3.377	1.518	1.859	2.425	.932	
.010	4.000	5	1.08	3.571	3.86	3.868	1.895	1.974	3.648	.978	
.010	4.000	9	34.02	2.819	95.91	3.677	1.679	1.999	2.514	.681	
.000	.010	5	3.78	2.936	11.10	.000	.000	.000	.000	.000	
.000	.010	7	3.24	2.975	9.64	.000	.000	.000	.000	.000	
.000	9999.000	10	15316.72	2.700	41355.13	.000	.000	.000	.000	.000	
.000	9999.000	11	684.88	2.099	1857.36	.000	.000	.000	.000	.000	
TOTAL			17203.30	2.704	46519.93	.615	.232	.383	.389	.074	

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 76W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 76W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	101.52	3.080	312.72	5.923	2.201	3.722	3.918	.953
5.000	100.000	2	332.10	3.057	1015.15	7.441	2.700	4.741	4.620	.943
5.000	100.000	3	332.10	3.057	1015.15	7.441	2.700	4.741	4.620	.943
5.000	100.000	4	405.00	3.091	1251.68	8.109	2.949	5.160	4.933	.962
5.000	100.000	5	444.96	3.139	1396.53	8.258	3.027	5.231	5.056	.975
5.000	100.000	6	585.36	3.374	1974.84	10.110	3.746	6.365	6.335	1.102
5.000	100.000	7	668.52	3.455	2309.85	10.527	3.932	6.595	6.562	1.121
5.000	100.000	8	668.52	3.455	2309.85	10.527	3.932	6.595	6.562	1.121
5.000	100.000	9	703.08	3.431	2412.37	10.361	3.866	6.495	6.458	1.109
4.000	5.000	1	839.16	3.364	2823.13	9.513	3.544	5.968	5.963	1.072
4.000	5.000	2	839.16	3.364	2823.13	9.513	3.544	5.968	5.963	1.072
4.000	5.000	3	839.16	3.364	2823.13	9.513	3.544	5.968	5.963	1.072
4.000	5.000	4	839.16	3.364	2823.13	9.513	3.544	5.968	5.963	1.072
4.000	5.000	5	852.66	3.372	2875.28	9.418	3.521	5.897	5.931	1.073
4.000	5.000	6	852.66	3.372	2875.28	9.418	3.521	5.897	5.931	1.073
4.000	5.000	7	852.66	3.372	2875.28	9.418	3.521	5.897	5.931	1.073
4.000	5.000	8	852.66	3.372	2875.28	9.418	3.521	5.897	5.931	1.073
4.000	5.000	9	883.44	3.355	2963.85	9.268	3.469	5.799	5.835	1.063
.010	4.000	1	959.58	3.321	3186.93	8.855	3.332	5.523	5.597	1.054
.010	4.000	2	959.58	3.321	3186.93	8.855	3.332	5.523	5.597	1.054
.010	4.000	3	959.58	3.321	3186.93	8.855	3.332	5.523	5.597	1.054
.010	4.000	4	959.58	3.321	3186.93	8.855	3.332	5.523	5.597	1.054
.010	4.000	5	960.66	3.321	3190.79	8.849	3.331	5.519	5.594	1.054
.010	4.000	6	960.66	3.321	3190.79	8.849	3.331	5.519	5.594	1.054
.010	4.000	7	960.66	3.321	3190.79	8.849	3.331	5.519	5.594	1.054
.010	4.000	8	960.66	3.321	3190.79	8.849	3.331	5.519	5.594	1.054
.010	4.000	9	994.68	3.304	3286.70	8.698	3.282	5.416	5.504	1.043
.000	.010	1	994.68	3.304	3286.70	8.698	3.282	5.416	5.504	1.043

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SHEET 5 OF 11

.000	.010	5	998.46	3.303	3297.80	8.669	3.271	5.398	5.486	1.040
.000	.010	6	998.46	3.303	3297.80	8.669	3.271	5.398	5.486	1.040
.000	.010	7	1001.70	3.302	3307.43	8.644	3.262	5.382	5.470	1.037
.000	.010	8	1001.70	3.302	3307.43	8.644	3.262	5.382	5.470	1.037
.000	.010	9	1001.70	3.302	<del>3307.43</del>	8.644	3.262	5.382	5.470	1.037
.000	9999.000	10	16318.42	2.737	44662.57	.640	.242	.399	.405	.077
.000	9999.000	11	17203.30	2.704	46519.93	.615	.232	.383	.389	.074
.000	9999.000	12	17203.30	2.704	46519.93	.615	.232	.383	.389	.074
.000	9999.000	****	17203.30	2.704	46519.93	.615	.232	.383	.389	.074

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TOTAL			17203.30	2.704	46519.93	.615	.232	.383	.389	.074
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 78W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 78W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES					
					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]	
5.000	100.000	1	156.06	3.201	499.48	8.430	2.999	5.431	5.025	1.081
5.000	100.000	2	381.78	3.089	1179.31	7.988	2.883	5.105	4.855	1.012
5.000	100.000	4	50.22	3.044	152.86	8.299	2.752	5.547	5.102	.786
5.000	100.000	5	24.84	3.637	90.34	8.653	3.430	5.224	6.181	1.137
5.000	100.000	6	95.04	3.975	377.81	13.268	4.864	8.404	8.756	1.307
5.000	100.000	7	40.50	4.142	167.75	11.474	4.058	7.416	8.129	1.283
5.000	100.000	9	23.76	3.515	83.52	7.500	3.171	4.329	4.614	.159
4.000	5.000	1	85.32	3.026	258.15	4.516	1.674	2.841	3.099	.809
4.000	5.000	2	17.28	3.009	52.00	4.834	2.038	2.796	3.178	.983
4.000	5.000	4	3.78	2.908	10.99	4.841	1.729	3.112	3.457	.589
4.000	5.000	5	14.58	3.454	50.36	4.541	1.722	2.820	3.101	.780
4.000	5.000	9	12.96	2.872	37.22	4.390	1.720	2.670	2.717	.689
.010	4.000	1	64.26	3.017	193.85	3.229	1.148	2.082	2.307	.596
.010	4.000	3	.54	3.366	1.82	3.160	1.315	1.845	2.100	.787
.010	4.000	4	1.08	2.848	3.08	3.780	1.254	2.526	2.600	.379
.010	4.000	5	2.16	3.451	7.45	3.930	1.792	2.138	3.000	1.079
.010	4.000	9	50.76	2.840	144.16	3.321	1.373	1.948	2.253	.622
.000	.010	1	2.16	3.000	6.48	.000	.000	.000	.000	.000
.000	.010	2	15.66	3.000	46.98	.000	.000	.000	.000	.000
.000	.010	5	1.08	2.850	3.08	.000	.000	.000	.000	.000
.000	.010	6	4.32	2.850	12.31	.000	.000	.000	.000	.000
.000	.010	7	.54	2.850	1.54	.000	.000	.000	.000	.000
.000	.010	8	4.32	2.850	12.31	.000	.000	.000	.000	.000
.000	.010	9	1.08	3.000	3.24	.000	.000	.000	.000	.000
.000	9999.000	10	15530.80	2.700	41953.15	.000	.000	.000	.000	.000
.000	9999.000	11	808.09	2.099	1696.18	.000	.000	.000	.000	.000

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MINING AND METALS

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 78W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 78W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	156.06	3.201	499.48	8.430	2.999	5.431	5.025	1.081
5.000	100.000	2	537.84	3.121	1678.79	8.119	2.917	5.202	4.905	1.033
5.000	100.000	3	537.84	3.121	1678.79	8.119	2.917	5.202	4.905	1.033
5.000	100.000	4	588.06	3.115	1831.65	8.134	2.903	5.231	4.922	1.012
5.000	100.000	5	612.90	3.136	1921.99	8.159	2.928	5.231	4.981	1.018
5.000	100.000	6	707.94	3.249	2299.80	8.998	3.246	5.752	5.601	1.065
5.000	100.000	7	748.44	3.297	2467.55	9.166	3.301	5.865	5.773	1.080
5.000	100.000	8	748.44	3.297	2467.55	9.166	3.301	5.865	5.773	1.080
5.000	100.000	9	772.20	3.304	2551.07	9.112	3.297	5.815	5.735	1.050
4.000	5.000	1	857.52	3.276	2809.22	8.690	3.148	5.542	5.493	1.028
4.000	5.000	2	874.80	3.271	2861.22	8.619	3.128	5.492	5.451	1.027
4.000	5.000	3	874.80	3.271	2861.22	8.619	3.128	5.492	5.451	1.027
4.000	5.000	4	878.58	3.269	2872.21	8.605	3.122	5.483	5.443	1.025
4.000	5.000	5	893.16	3.272	2922.57	8.535	3.098	5.437	5.403	1.021
4.000	5.000	6	893.16	3.272	2922.57	8.535	3.098	5.437	5.403	1.021
4.000	5.000	7	893.16	3.272	2922.57	8.535	3.098	5.437	5.403	1.021
4.000	5.000	8	893.16	3.272	2922.57	8.535	3.098	5.437	5.403	1.021
4.000	5.000	9	906.12	3.266	2959.79	8.483	3.081	5.402	5.369	1.017
.010	4.000	1	970.38	3.250	3153.65	8.160	2.962	5.198	5.181	.991
.010	4.000	2	970.38	3.250	3153.65	8.160	2.962	5.198	5.181	.991
.010	4.000	3	970.92	3.250	3155.46	8.157	2.961	5.196	5.179	.991
.010	4.000	4	972.00	3.250	3158.54	8.153	2.960	5.193	5.176	.990
.010	4.000	5	974.16	3.250	3165.99	8.143	2.957	5.186	5.171	.991
.010	4.000	6	974.16	3.250	3165.99	8.143	2.957	5.186	5.171	.991
.010	4.000	7	974.16	3.250	3165.99	8.143	2.957	5.186	5.171	.991
.010	4.000	8	974.16	3.250	3165.99	8.143	2.957	5.186	5.171	.991
.010	4.000	9	1024.92	3.230	3310.15	7.933	2.888	5.045	5.044	.975
.000	.010	1	1027.08	3.229	3316.63	7.917	2.882	5.035	5.034	.973

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.000	.010	5	1043.82	3.225	3366.69	7.800	2.839	4.960	4.959	.958
.000	.010	6	1048.14	3.224	3379.00	7.771	2.829	4.942	4.941	.955
.000	.010	7	1048.68	3.224	3380.54	7.768	2.828	4.940	4.939	.954
.000	.010	8	1053.00	3.222	3392.85	7.740	2.817	4.922	4.921	.951
.000	.010	9	1054.08	3.222	3396.09	7.732	2.815	4.917	4.917	.950
.000	9999.000	10	16584.88	2.733	45329.24	.579	.211	.368	.368	.071
.000	9999.000	11	17392.97	2.704	47025.43	.558	.203	.355	.355	.069
.000	9999.000	12	17392.97	2.704	47025.43	.558	.203	.355	.355	.069
.000	9999.000	****	17392.97	2.704	47025.43	.558	.203	.355	.355	.069

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TOTAL			17392.97	2.704	47025.43	.558	.203	.355	.355	.069
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 80W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 80W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	235.98		3.081	727.17	5.919	2.218	3.701	3.799	.893
5.000	100.000	2	362.88		3.082	1118.32	8.076	2.930	5.146	5.009	.934
5.000	100.000	3	23.22		3.223	74.84	8.008	2.872	5.136	4.746	.485
5.000	100.000	4	64.26		3.242	208.36	8.102	3.180	4.922	5.074	.748
5.000	100.000	5	23.76		3.598	85.48	7.240	2.813	4.427	5.286	1.164
5.000	100.000	6	139.86		4.079	570.44	10.401	4.332	6.070	7.493	1.595
5.000	100.000	7	28.08		3.974	111.58	8.731	4.459	4.273	6.312	1.313
5.000	100.000	9	11.34		3.040	34.47	6.798	2.503	4.295	4.933	.585
4.000	5.000	1	122.04		3.049	372.15	4.446	1.692	2.754	3.068	.840
4.000	5.000	2	6.48		3.019	19.57	4.722	1.965	2.757	3.149	.781
4.000	5.000	3	19.44		3.223	62.65	4.588	2.067	2.521	3.752	.858
4.000	5.000	4	4.86		2.911	14.15	4.563	1.670	2.893	3.010	.355
4.000	5.000	5	16.20		3.724	60.33	4.911	2.160	2.751	4.166	1.552
4.000	5.000	9	44.82		2.942	131.85	4.352	1.987	2.365	2.853	.537
.010	4.000	1	199.80		3.002	599.79	3.257	1.266	1.991	2.332	.773
.010	4.000	3	41.58		3.197	132.95	3.005	1.274	1.732	2.546	.710
.010	4.000	4	4.32		2.795	12.07	3.631	1.349	2.282	2.453	.312
.010	4.000	7	.54		4.113	2.22	3.925	2.203	1.722	4.300	1.765
.010	4.000	9	40.50		2.989	121.07	3.534	1.713	1.821	2.376	.535
.000	.010	1	12.96		3.000	38.88	.000	.000	.000	.000	.000
.000	.010	4	6.48		2.900	18.79	.000	.000	.000	.000	.000
.000	.010	5	9.72		2.867	27.86	.000	.000	.000	.000	.000
.000	.010	6	15.12		2.979	45.04	.000	.000	.000	.000	.000
.000	.010	7	3.78		2.914	11.02	.000	.000	.000	.000	.000
.000	.010	9	11.34		2.971	33.70	.000	.000	.000	.000	.000
.000	9999.000	10	15493.14		2.700	41831.47	.000	.000	.000	.000	.000
.000	9999.000	11	599.45		2.099	1258.24	.000	.000	.000	.000	.000

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 80W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 80W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	235.98	3.081	727.17	5.919	2.218	3.701	3.799	.893
5.000	100.000	2	598.86	3.082	1845.49	7.226	2.650	4.576	4.532	.918
5.000	100.000	3	622.08	3.087	1920.33	7.257	2.658	4.598	4.540	.901
5.000	100.000	4	686.34	3.102	2128.69	7.339	2.709	4.630	4.593	.886
5.000	100.000	5	710.10	3.118	2214.17	7.336	2.713	4.622	4.619	.897
5.000	100.000	6	849.96	3.276	2784.61	7.964	3.045	4.919	5.208	1.040
5.000	100.000	7	878.04	3.298	2896.19	7.993	3.099	4.894	5.251	1.051
5.000	100.000	8	878.04	3.298	2896.19	7.993	3.099	4.894	5.251	1.051
5.000	100.000	9	889.38	3.295	2930.66	7.979	3.092	4.887	5.247	1.045
4.000	5.000	1	1011.42	3.266	3302.80	7.581	2.935	4.646	5.001	1.022
4.000	5.000	2	1017.90	3.264	3322.37	7.564	2.929	4.635	4.991	1.021
4.000	5.000	3	1037.34	3.263	3385.02	7.509	2.913	4.596	4.968	1.018
4.000	5.000	4	1042.20	3.262	3399.17	7.497	2.908	4.589	4.959	1.015
4.000	5.000	5	1058.40	3.269	3459.50	7.452	2.895	4.557	4.946	1.024
4.000	5.000	6	1058.40	3.269	3459.50	7.452	2.895	4.557	4.946	1.024
4.000	5.000	7	1058.40	3.269	3459.50	7.452	2.895	4.557	4.946	1.024
4.000	5.000	8	1058.40	3.269	3459.50	7.452	2.895	4.557	4.946	1.024
4.000	5.000	9	1103.22	3.255	3591.35	7.338	2.861	4.477	4.869	1.006
.010	4.000	1	1303.02	3.216	4191.14	6.754	2.633	4.121	4.506	.973
.010	4.000	2	1303.02	3.216	4191.14	6.754	2.633	4.121	4.506	.973
.010	4.000	3	1344.60	3.216	4324.08	6.639	2.591	4.047	4.445	.965
.010	4.000	4	1348.92	3.215	4336.16	6.630	2.588	4.042	4.440	.963
.010	4.000	5	1348.92	3.215	4336.16	6.630	2.588	4.042	4.440	.963
.010	4.000	6	1348.92	3.215	4336.16	6.630	2.588	4.042	4.440	.963
.010	4.000	7	1349.46	3.215	4338.38	6.629	2.588	4.041	4.440	.963
.010	4.000	8	1349.46	3.215	4338.38	6.629	2.588	4.041	4.440	.963
.010	4.000	9	1389.96	3.208	4459.45	6.545	2.564	3.981	4.384	.952
.000	.010	1	1402.92	3.206	4498.33	6.488	2.542	3.947	4.346	.944
.000	.010	2	1402.92	3.206	4498.33	6.488	2.542	3.947	4.346	.944

GEMCOM SERVICES INC

GEMCOM SERVICES INC

.000	.010	5	1419.12	3.203	4544.99	6.422	2.516	3.906	4.301	.934
.000	.010	6	1434.24	3.200	4590.03	6.359	2.491	3.868	4.259	.925
.000	.010	7	1438.02	3.200	4601.04	6.344	2.485	3.859	4.249	.922
.000	.010	8	1438.02	3.200	4601.04	6.344	2.485	3.859	4.249	.922
.000	.010	9	1449.36	3.198	4634.74	6.297	2.467	3.830	4.218	.916
.000	9999.000	10	16942.50	2.743	46466.21	.628	.246	.382	.421	.091
.000	9999.000	11	17541.95	2.721	47724.45	.612	.240	.372	.410	.089
.000	9999.000	12	17541.95	2.721	47724.45	.612	.240	.372	.410	.089
.000	9999.000	****	17541.95	2.721	47724.45	.612	.240	.372	.410	.089

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TOTAL			17541.95	2.721	47724.45	.612	.240	.372	.410	.089
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 82W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 82W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	35.64	3.043	108.46	6.758	2.363	4.395	4.300	.617
5.000	100.000	2	241.38	3.182	768.17	8.756	3.101	5.654	5.520	.750
5.000	100.000	3	2.70	3.120	8.42	6.140	2.167	3.973	3.400	.386
5.000	100.000	4	112.32	3.057	343.37	7.857	2.766	5.090	4.538	.541
5.000	100.000	5	44.82	3.689	165.34	8.792	3.166	5.626	5.157	.758
5.000	100.000	6	29.70	3.927	116.62	11.614	4.485	7.129	7.472	1.180
5.000	100.000	7	56.16	4.276	240.12	16.091	5.767	10.323	11.427	1.177
4.000	5.000	1	106.92	3.014	322.23	4.500	1.527	2.972	2.845	.555
4.000	5.000	2	.54	2.935	1.58	4.939	1.710	3.229	2.900	.391
4.000	5.000	3	21.60	2.965	64.04	4.319	1.811	2.507	2.792	.567
4.000	5.000	5	.54	3.793	2.05	4.080	1.544	2.536	2.900	.000
.010	4.000	1	64.80	3.025	195.99	3.568	1.379	2.189	2.677	.753
.010	4.000	3	20.52	3.085	63.30	3.487	1.403	2.084	2.322	.693
.010	4.000	5	8.10	3.904	31.62	3.434	1.396	2.037	2.613	.000
.010	4.000	6	.54	2.962	1.60	3.248	1.112	2.136	2.000	.436
.010	4.000	9	4.32	3.208	13.86	2.605	1.045	1.560	1.988	.444
.000	.010	3	.54	2.850	1.54	.000	.000	.000	.000	.000
.000	.010	4	4.32	3.000	12.96	.000	.000	.000	.000	.000
.000	.010	5	9.18	3.000	27.54	.000	.000	.000	.000	.000
.000	9999.000	10	16605.02	2.700	44833.57	.000	.000	.000	.000	.000
.000	9999.000	11	339.08	2.099	711.74	.000	.000	.000	.000	.000
TOTAL			17708.75	2.712	48034.14	.410	.147	.263	.263	.037

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 82W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 B1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 82W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	35.64	3.043	108.46	6.758	2.363	4.395	4.300	.617
5.000	100.000	2	277.02	3.164	876.63	8.509	3.010	5.498	5.369	.733
5.000	100.000	3	279.72	3.164	885.05	8.486	3.002	5.484	5.350	.730
5.000	100.000	4	392.04	3.133	1228.42	8.310	2.936	5.374	5.123	.677
5.000	100.000	5	436.86	3.190	1393.77	8.367	2.963	5.404	5.127	.687
5.000	100.000	6	466.56	3.237	1510.39	8.618	3.081	5.537	5.308	.725
5.000	100.000	7	522.72	3.349	1750.51	9.643	3.449	6.194	6.148	.787
5.000	100.000	8	522.72	3.349	1750.51	9.643	3.449	6.194	6.148	.787
5.000	100.000	9	522.72	3.349	1750.51	9.643	3.449	6.194	6.148	.787
4.000	5.000	1	629.64	3.292	2072.74	8.843	3.151	5.693	5.634	.751
4.000	5.000	2	630.18	3.292	2074.33	8.840	3.149	5.691	5.632	.751
4.000	5.000	3	651.78	3.281	2138.37	8.705	3.109	5.596	5.547	.745
4.000	5.000	4	651.78	3.281	2138.37	8.705	3.109	5.596	5.547	.745
4.000	5.000	5	652.32	3.281	2140.42	8.701	3.108	5.593	5.545	.744
4.000	5.000	6	652.32	3.281	2140.42	8.701	3.108	5.593	5.545	.744
4.000	5.000	7	652.32	3.281	2140.42	8.701	3.108	5.593	5.545	.744
4.000	5.000	8	652.32	3.281	2140.42	8.701	3.108	5.593	5.545	.744
4.000	5.000	9	652.32	3.281	2140.42	8.701	3.108	5.593	5.545	.744
.010	4.000	1	717.12	3.258	2336.41	8.270	2.963	5.307	5.304	.745
.010	4.000	2	717.12	3.258	2336.41	8.270	2.963	5.307	5.304	.745
.010	4.000	3	737.64	3.253	2399.71	8.144	2.922	5.222	5.225	.744
.010	4.000	4	737.64	3.253	2399.71	8.144	2.922	5.222	5.225	.744
.010	4.000	5	745.74	3.260	2431.33	8.083	2.902	5.181	5.191	.734
.010	4.000	6	746.28	3.260	2432.93	8.079	2.901	5.179	5.189	.734
.010	4.000	7	746.28	3.260	2432.93	8.079	2.901	5.179	5.189	.734
.010	4.000	8	746.28	3.260	2432.93	8.079	2.901	5.179	5.189	.734
.010	4.000	9	750.60	3.260	2446.79	8.048	2.890	5.158	5.171	.732
.000	.010	1	750.60	3.260	2446.79	8.048	2.890	5.158	5.171	.732
.000	.010	2	750.60	3.260	2446.79	8.048	2.890	5.158	5.171	.732

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.000	.010	5	764.64	3.255	2488.83	7.912	2.841	5.071	5.084	.720
.000	.010	6	764.64	3.255	2488.83	7.912	2.841	5.071	5.084	.720
.000	.010	7	764.64	3.255	2488.83	7.912	2.841	5.071	5.084	.720
.000	.010	8	764.64	3.255	2488.83	7.912	2.841	5.071	5.084	.720
.000	.010	9	764.64	3.255	2488.83	7.912	2.841	5.071	5.084	.720
.000	9999.000	10	17369.66	2.724	47322.40	.416	.149	.267	.267	.038
.000	9999.000	11	17708.75	2.712	48034.14	.410	.147	.263	.263	.037
.000	9999.000	12	17708.75	2.712	48034.14	.410	.147	.263	.263	.037
.000	9999.000	****	17708.75	2.712	48034.14	.410	.147	.263	.263	.037

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TOTAL			17708.75	2.712	48034.14	.410	.147	.263	.263	.037
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 84W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 84W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000 100.000	1	20.52	2.985	61.24	6.114	2.065	4.048	3.533	.523
5.000 100.000	2	283.50	3.047	863.71	7.628	2.807	4.821	4.716	.591
5.000 100.000	3	12.96	3.117	40.40	5.649	1.953	3.696	3.805	.263
5.000 100.000	4	108.00	2.977	321.54	7.640	2.593	5.047	4.257	.464
5.000 100.000	5	12.96	3.762	48.75	8.248	2.877	5.371	4.573	.578
5.000 100.000	6	25.92	3.653	94.68	13.597	4.869	8.728	8.275	.725
5.000 100.000	7	2.16	4.215	9.10	15.341	5.271	10.070	10.450	1.236
4.000 5.000	1	42.66	2.971	126.73	4.309	1.559	2.750	2.839	.510
4.000 5.000	2	3.24	2.868	9.29	4.810	1.622	3.188	2.964	.420
4.000 5.000	3	6.48	2.835	18.37	4.425	1.720	2.705	2.934	.475
.010 4.000	1	12.42	3.001	37.27	3.584	1.425	2.159	2.276	.521
.010 4.000	3	15.12	2.852	43.12	3.455	1.188	2.267	1.972	.377
.000 .010	2	.54	2.850	1.54	.000	.000	.000	.000	.000
.000 9999.000	10	17236.82	2.700	46539.43	.000	.000	.000	.000	.000
.000 9999.000	11	177.55	2.099	372.68	.000	.000	.000	.000	.000
TOTAL		17960.86	2.705	48587.85	.256	.092	.164	.155	.019

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 84W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 84W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	20.52	2.985	61.24	6.114	2.065	4.048	3.533	.523
5.000	100.000	2	304.02	3.042	924.95	7.528	2.758	4.770	4.638	.586
5.000	100.000	3	316.98	3.045	965.35	7.449	2.724	4.725	4.603	.573
5.000	100.000	4	424.98	3.028	1286.89	7.497	2.691	4.805	4.516	.546
5.000	100.000	5	437.94	3.050	1335.64	7.524	2.698	4.826	4.518	.547
5.000	100.000	6	463.86	3.084	1430.32	7.926	2.842	5.084	4.767	.559
5.000	100.000	7	466.02	3.089	1439.42	7.973	2.857	5.116	4.803	.563
5.000	100.000	8	466.02	3.089	1439.42	7.973	2.857	5.116	4.803	.563
5.000	100.000	9	466.02	3.089	1439.42	7.973	2.857	5.116	4.803	.563
4.000	5.000	1	508.68	3.079	1566.16	7.676	2.752	4.924	4.644	.559
4.000	5.000	2	511.92	3.078	1575.45	7.660	2.745	4.914	4.634	.558
4.000	5.000	3	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
4.000	5.000	4	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
4.000	5.000	5	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
4.000	5.000	6	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
4.000	5.000	7	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
4.000	5.000	8	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
4.000	5.000	9	518.40	3.074	1593.82	7.622	2.734	4.889	4.615	.557
.010	4.000	1	530.82	3.073	1631.09	7.530	2.704	4.826	4.561	.556
.010	4.000	2	530.82	3.073	1631.09	7.530	2.704	4.826	4.561	.556
.010	4.000	3	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.010	4.000	4	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.010	4.000	5	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.010	4.000	6	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.010	4.000	7	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.010	4.000	8	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.010	4.000	9	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551
.000	.010	1	545.94	3.067	1674.21	7.425	2.665	4.760	4.495	.551

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.000	.010	5	546.48	3.066	1675.75	7.418	2.662	4.756	4.490	.551
.000	.010	6	546.48	3.066	1675.75	7.418	2.662	4.756	4.490	.551
.000	.010	7	546.48	3.066	1675.75	7.418	2.662	4.756	4.490	.551
.000	.010	8	546.48	3.066	1675.75	7.418	2.662	4.756	4.490	.551
.000	.010	9	546.48	3.066	1675.75	7.418	2.662	4.756	4.490	.551
.000	9999.000	10	17783.30	2.711	48215.17	.258	.093	.165	.156	.019
.000	9999.000	11	17960.86	2.705	48587.85	.256	.092	.164	.155	.019
.000	9999.000	12	17960.86	2.705	48587.85	.256	.092	.164	.155	.019
.000	9999.000	****	17960.86	2.705	48587.85	.256	.092	.164	.155	.019

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TOTAL			17960.86	2.705	48587.85	.256	.092	.164	.155	.019
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 86W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 81 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 86W

INCREMENTAL 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 [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	17.28		3.081	53.23	8.106	3.169	4.937	5.243	.222
5.000	100.000	2	454.14		3.030	1376.19	7.053	2.264	4.789	4.217	.393
5.000	100.000	4	115.56		2.991	345.62	7.488	2.797	4.691	4.466	.482
5.000	100.000	6	9.18		4.472	41.05	19.348	7.048	12.300	12.903	1.517
5.000	100.000	7	.54		4.199	2.27	15.339	5.211	10.128	10.400	1.226
4.000	5.000	1	5.94		3.043	18.08	4.295	1.340	2.954	2.331	.000
4.000	5.000	2	4.32		2.833	12.24	4.769	1.647	3.122	2.688	.531
4.000	5.000	3	15.12		2.784	42.10	4.636	1.671	2.964	2.700	.219
.010	4.000	1	19.44		3.053	59.34	3.526	1.050	2.476	1.939	.081
.000	.010	1	22.14		2.996	66.34	.000	.000	.000	.000	.000
.000	.010	2	4.86		2.900	14.09	.000	.000	.000	.000	.000
.000	.010	3	10.80		2.850	30.78	.000	.000	.000	.000	.000
.000	.010	4	82.62		2.996	247.54	.000	.000	.000	.000	.000
.000	.010	6	1.62		3.000	4.86	.000	.000	.000	.000	.000
.000	.010	7	2.16		3.000	6.48	.000	.000	.000	.000	.000
.000	.010	9	10.26		2.992	30.70	.000	.000	.000	.000	.000
.000	9999.000	10	17093.44		2.700	46152.29	.000	.000	.000	.000	.000
.000	9999.000	11	330.14		2.099	692.97	.000	.000	.000	.000	.000

TOTAL 18199.56 2.703 49196.18 .287 .096 .190 .172 .016

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M. WELCH IN CANADA

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 86W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 86W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	17.28		3.081	53.23	8.106	3.169	4.937	5.243	.222
5.000	100.000	2	471.42		3.032	1429.42	7.092	2.297	4.795	4.255	.386
5.000	100.000	3	471.42		3.032	1429.42	7.092	2.297	4.795	4.255	.386
5.000	100.000	4	586.98		3.024	1775.05	7.169	2.395	4.775	4.296	.405
5.000	100.000	5	586.98		3.024	1775.05	7.169	2.395	4.775	4.296	.405
5.000	100.000	6	596.16		3.046	1816.10	7.445	2.500	4.945	4.491	.430
5.000	100.000	7	596.70		3.047	1818.37	7.454	2.503	4.951	4.498	.431
5.000	100.000	8	596.70		3.047	1818.37	7.454	2.503	4.951	4.498	.431
5.000	100.000	9	596.70		3.047	1818.37	7.454	2.503	4.951	4.498	.431
4.000	5.000	1	602.64		3.047	1836.45	7.423	2.492	4.932	4.477	.427
4.000	5.000	2	606.96		3.046	1848.69	7.406	2.486	4.920	4.465	.428
4.000	5.000	3	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
4.000	5.000	4	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
4.000	5.000	5	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
4.000	5.000	6	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
4.000	5.000	7	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
4.000	5.000	8	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
4.000	5.000	9	622.08		3.039	1890.79	7.344	2.468	4.876	4.425	.423
.010	4.000	1	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	2	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	3	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	4	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	5	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	6	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	7	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	8	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.010	4.000	9	641.52		3.040	1950.13	7.228	2.425	4.803	4.350	.412
.000	.010	1	663.66		3.038	2016.47	6.990	2.345	4.645	4.207	.399
.000	.010	2	668.52		3.037	2030.56	6.942	2.329	4.613	4.178	.396

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 88W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 88W

INCREMENTAL 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 [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	18183.19	2.700	49094.62	.000	.000	.000	.000	.000
.000	9999.000	11	199.24	2.099	418.20	.000	.000	.000	.000	.000
TOTAL			18382.43	2.693	49512.81	.000	.000	.000	.000	.000

PRINTED IN CANADA

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 88W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 88W

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 [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	18183.19	2.700	49094.62	.000	.000	.000	.000	.000
.000	9999.000	11	18382.43	2.693	49512.81	.000	.000	.000	.000	.000
.000	9999.000	12	18382.43	2.693	49512.81	.000	.000	.000	.000	.000
.000	9999.000	***	18382.43	2.693	49512.81	.000	.000	.000	.000	.000
TOTAL			18382.43	2.693	49512.81	.000	.000	.000	.000	.000

REVISION 1.10

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 90W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 90W

INCREMENTAL 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 [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	22953.29	2.700	61973.88	.000	.000	.000	.000	.000
.000	9999.000	11	206.10	2.099	432.60	.000	.000	.000	.000	.000
TOTAL			23159.39	2.695	62406.48	.000	.000	.000	.000	.000

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11/11/89 10:44:00

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 90W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 90W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	22953.29	2.700	61973.88	.000	.000	.000	.000	.000
.000	9999.000	11	23159.39	2.695	62406.48	.000	.000	.000	.000	.000
.000	9999.000	12	23159.39	2.695	62406.48	.000	.000	.000	.000	.000
.000	9999.000	****	23159.39	2.695	62406.48	.000	.000	.000	.000	.000
TOTAL			23159.39	2.695	62406.48	.000	.000	.000	.000	.000

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MPS 5-AUT-A-04

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 92W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 92W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	18381.41	2.700	49629.80	.000	.000	.000	.000	.000
.000	9999.000	11	200.12	2.099	420.06	.000	.000	.000	.000	.000
TOTAL			18581.53	2.694	50049.86	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 92W - Surface #1 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 92W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	18381.41	2.700	49629.80	.000	.000	.000	.000	.000
.000	9999.000	11	18581.53	2.694	50049.86	.000	.000	.000	.000	.000
.000	9999.000	12	18581.53	2.694	50049.86	.000	.000	.000	.000	.000
.000	9999.000	****	18581.53	2.694	50049.86	.000	.000	.000	.000	.000
TOTAL			18581.53	2.694	50049.86	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 58W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 025 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 996 SECTION 58W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	5	56.16	3.965	222.69	7.503	3.771	3.733	49.067	.000
5.000	100.000	6	3.24	4.219	13.67	14.164	4.951	9.214	94.915	.131
5.000	100.000	7	12.96	3.940	51.07	8.235	3.717	4.518	56.154	.000
4.000	5.000	1	1.08	3.678	3.97	4.377	1.728	2.649	28.207	.990
4.000	5.000	3	.54	3.574	1.93	4.000	1.796	2.204	31.800	.000
4.000	5.000	5	3.78	3.674	13.89	4.453	2.224	2.229	35.417	.334
4.000	5.000	7	3.24	3.658	11.85	4.284	2.091	2.193	31.449	.000
.010	4.000	1	63.18	3.307	208.94	2.441	.931	1.510	17.372	.620
.010	4.000	3	57.78	3.461	199.98	2.716	1.363	1.353	25.611	.000
.010	4.000	5	15.66	3.460	54.19	2.910	1.442	1.468	27.103	.309
.010	4.000	7	16.20	3.475	56.29	3.591	1.785	1.806	25.973	.000
.010	4.000	9	41.04	3.566	146.34	2.313	1.032	1.281	18.892	.000
.000	.010	1	9.18	3.000	27.54	.000	.000	.000	.000	.000
.000	.010	3	6.48	3.000	19.44	.000	.000	.000	.000	.000
.000	.010	5	5.40	3.000	16.20	.000	.000	.000	.000	.000
.000	.010	6	4.86	3.000	14.58	.000	.000	.000	.000	.000
.000	.010	7	2.16	3.000	6.48	.000	.000	.000	.000	.000
.000	9999.000	10	<u>12925.98</u>	2.700	<u>34900.14</u>	.000	.000	.000	.000	.000
.000	9999.000	11	<u>2513.98</u>	2.099	<u>5278.83</u>	.000	.000	.000	.000	.000
TOTAL			15742.90	2.620	41246.02	.101	.048	.054	.741	.004

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04/08/89

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 58W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 996 SECTION 58W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	5	56.16	3.965	222.69	7.503	3.771	3.733	49.067	.000
5.000	100.000	6	59.40	3.979	236.36	7.888	3.839	4.050	51.719	.008
5.000	100.000	7	72.36	3.972	287.43	7.950	3.817	4.133	52.507	.006
5.000	100.000	8	72.36	3.972	287.43	7.950	3.817	4.133	52.507	.006
5.000	100.000	9	72.36	3.972	287.43	7.950	3.817	4.133	52.507	.006
4.000	5.000	1	73.44	3.968	291.40	7.901	3.789	4.112	52.176	.020
4.000	5.000	2	73.44	3.968	291.40	7.901	3.789	4.112	52.176	.020
4.000	5.000	3	73.98	3.965	293.33	7.876	3.776	4.100	52.042	.019
4.000	5.000	4	73.98	3.965	293.33	7.876	3.776	4.100	52.042	.019
4.000	5.000	5	77.76	3.951	307.22	7.721	3.706	4.015	51.290	.034
4.000	5.000	6	77.76	3.951	307.22	7.721	3.706	4.015	51.290	.034
4.000	5.000	7	81.00	3.939	319.08	7.593	3.646	3.948	50.553	.032
4.000	5.000	8	81.00	3.939	319.08	7.593	3.646	3.948	50.553	.032
4.000	5.000	9	81.00	3.939	319.08	7.593	3.646	3.948	50.553	.032
.010	4.000	1	144.18	3.662	528.01	5.554	2.572	2.983	37.423	.265
.010	4.000	2	144.18	3.662	528.01	5.554	2.572	2.983	37.423	.265
.010	4.000	3	201.96	3.605	727.99	4.775	2.239	2.535	34.178	.192
.010	4.000	4	201.96	3.605	727.99	4.775	2.239	2.535	34.178	.192
.010	4.000	5	217.62	3.594	782.18	4.646	2.184	2.461	33.688	.200
.010	4.000	6	217.62	3.594	782.18	4.646	2.184	2.461	33.688	.200
.010	4.000	7	233.82	3.586	838.47	4.575	2.157	2.417	33.170	.187
.010	4.000	8	233.82	3.586	838.47	4.575	2.157	2.417	33.170	.187
.010	4.000	9	274.86	3.583	984.81	4.239	1.990	2.248	31.049	.159
.000	.010	1	284.04	3.564	1012.35	4.123	1.936	2.187	30.204	.155
.000	.010	2	284.04	3.564	1012.35	4.123	1.936	2.187	30.204	.155
.000	.010	3	290.52	3.552	1031.79	4.046	1.900	2.146	29.635	.152
.000	.010	4	290.52	3.552	1031.79	4.046	1.900	2.146	29.635	.152
.000	.010	5	295.92	3.541	1047.99	3.983	1.870	2.113	29.177	.149
.000	.010	6	300.78	3.533	1062.57	3.928	1.845	2.084	28.776	.147

.000	.010	9	302.94	3.529	1067.05	3.905	1.833	2.071	28.602	.146
.000	9999.000	10	13228.92	2.719	35969.19	.116	.054	.062	.850	.004
.000	9999.000	11	15742.90	2.620	41246.02	.101	.048	.054	.741	.004
.000	9999.000	12	15742.90	2.620	41246.02	.101	.048	.054	.741	.004
.000	9999.000	****	15742.90	2.620	41246.02	.101	.048	.054	.741	.004

TOTAL 15742.90 2.620 41246.02 .101 .048 .054 .741 .004

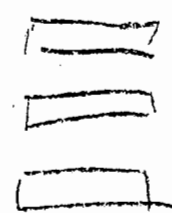
tonnes

Section	Zn Pb	Zn	Ag	Au	Zn mg Pb	Zn mg Zn	Ag kg	Au kg
4576 Total	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under Pit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In. Pit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Scrap Waste	Pit Waste #10	OB	II
Total	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

to volume



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MOORE 1-10-88

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Total

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 60W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES :

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 997 SECTION 60W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	2	4.32	3.080	13.30	9.958	3.533	6.424	55.450	.271	
5.000	100.000	5	11.34	3.799	43.08	5.785	2.922	2.863	42.974	.434	
5.000	100.000	6	71.82	3.764	270.33	9.415	3.557	5.858	54.930	.745	
5.000	100.000	7	18.36	3.883	71.29	10.998	4.961	6.037	63.370	1.059	
4.000	5.000	5	13.50	3.697	49.91	4.337	2.184	2.153	34.649	.699	
4.000	5.000	6	16.74	3.714	62.17	4.650	2.173	2.477	29.189	.302	
.010	4.000	1	107.46	3.229	346.99	1.440	.568	.871	15.890	.897	
.010	4.000	3	82.08	3.423	280.96	2.611	1.324	1.287	25.255	.022	
.010	4.000	5	46.44	3.557	165.20	3.407	1.680	1.728	29.188	.693	
.010	4.000	6	13.50	3.657	49.37	3.195	1.376	1.820	22.904	.224	
.010	4.000	9	56.16	2.945	165.37	.623	.278	.345	6.058	.000	
.000	.010	1	23.22	3.000	69.66	.000	.000	.000	.000	.000	
.000	.010	3	8.64	3.000	25.92	.000	.000	.000	.000	.000	
.000	.010	5	3.78	3.000	11.34	.000	.000	.000	.000	.000	
.000	.010	6	7.56	3.000	22.68	.000	.000	.000	.000	.000	
.000	9999.000	10	12670.56	2.700	34210.51	.000	.000	.000	.000	.000	
.000	9999.000	11	2021.62	2.099	4243.37	.005	.002	.003	.026	.000	
TOTAL			15177.10	2.642	40101.46	.157	.067	.090	1.127	.020	

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5-25-89 10:00 AM

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 60W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 997 SECTION 60W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	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]
5.000	100.000	2	4.32	3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	3	4.32	3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	4	4.32	3.080	13.30	9.958	3.533	6.424	55.450	.271
5.000	100.000	5	15.66	3.601	56.39	6.770	3.066	3.704	45.917	.396
5.000	100.000	6	87.48	3.735	326.72	8.958	3.472	5.486	53.375	.685
5.000	100.000	7	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
5.000	100.000	8	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
5.000	100.000	9	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	1	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	2	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	3	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	4	105.84	3.761	398.01	9.324	3.739	5.585	55.165	.752
4.000	5.000	5	119.34	3.753	447.92	8.768	3.566	5.202	52.879	.746
4.000	5.000	6	136.08	3.748	510.08	8.266	3.396	4.870	49.992	.692
4.000	5.000	7	136.08	3.748	510.08	8.266	3.396	4.870	49.992	.692
4.000	5.000	8	136.08	3.748	510.08	8.266	3.396	4.870	49.992	.692
4.000	5.000	9	136.08	3.748	510.08	8.266	3.396	4.870	49.992	.692
.010	4.000	1	243.54	3.519	857.07	5.502	2.251	3.251	36.186	.775
.010	4.000	2	243.54	3.519	857.07	5.502	2.251	3.251	36.186	.775
.010	4.000	3	325.62	3.495	1138.03	4.789	2.022	2.766	33.487	.589
.010	4.000	4	325.62	3.495	1138.03	4.789	2.022	2.766	33.487	.589
.010	4.000	5	372.06	3.503	1303.23	4.613	1.979	2.635	32.942	.602
.010	4.000	6	385.56	3.508	1352.61	4.562	1.957	2.605	32.576	.588
.010	4.000	7	385.56	3.508	1352.61	4.562	1.957	2.605	32.576	.588
.010	4.000	8	385.56	3.508	1352.61	4.562	1.957	2.605	32.576	.588
.010	4.000	9	441.72	3.437	1517.98	4.133	1.774	2.359	29.687	.524
.000	.010	1	464.94	3.415	1587.64	3.951	1.696	2.255	28.384	.501
.000	.010	2	464.94	3.415	1587.64	3.951	1.696	2.255	28.384	.501

.000	.010	6	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	.010	7	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	.010	8	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	.010	9	484.92	3.398	1647.58	3.808	1.634	2.173	27.351	.483
.000	9999.000	10	13155.48	2.726	35858.09	.175	.075	.100	1.257	.022
.000	9999.000	11	15177.10	2.642	40101.46	.157	.067	.090	1.127	.020
.000	9999.000	12	15177.10	2.642	40101.46	.157	.067	.090	1.127	.020
.000	9999.000	****	15177.10	2.642	40101.46	.157	.067	.090	1.127	.020

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TOTAL			15177.10	2.642	40101.46	.157	.067	.090	1.127	.020
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 62W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 998 SECTION 62W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES			
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]
5.000	100.000	4	19.44	3.430	66.69	9.986	3.509	6.477	6.191	1.280
5.000	100.000	5	58.86	3.608	212.35	5.968	2.813	3.154	4.575	1.036
5.000	100.000	6	32.72	3.971	129.96	11.365	4.116	7.249	6.279	1.138
5.000	100.000	7	20.92	3.936	82.32	10.344	4.497	5.847	6.832	1.151
4.000	5.000	1	7.43	2.890	21.46	4.896	1.798	3.098	3.193	.508
4.000	5.000	5	16.74	3.960	66.28	4.620	2.216	2.404	4.064	1.306
4.000	5.000	6	2.16	3.746	8.09	4.925	2.551	2.374	4.050	1.286
4.000	5.000	9	6.48	3.336	21.62	4.598	2.041	2.557	3.017	.494
.010	4.000	1	4.32	3.185	13.76	2.721	1.223	1.498	2.222	1.060
.010	4.000	3	2.16	3.315	7.16	3.335	1.247	2.089	2.125	.505
.010	4.000	5	4.32	4.041	17.46	2.803	1.322	1.481	3.126	1.059
.000	9999.000	10	<del>1225.85</del>	2.700	<del>34358.45</del>	.000	.000	.000	.000	.000
.000	9999.000	11	<del>1458.85</del>	2.099	<del>3061.50</del>	.000	.000	.000	.000	.000
TOTAL			14359.45	2.651	38067.11	.129	.053	.076	.087	.018



.000	.010	8	175.55	3.687	647.16	7.606	3.145	4.461	5.098	1.086
.000	.010	9	175.55	3.687	647.16	7.606	3.145	4.461	5.098	1.086
.000	9999.000	10	12900.90	2.713	35005.61	.141	.058	.082	.094	.020
.000	9999.000	11	14359.45	2.651	38067.11	.129	.053	.076	.087	.018
.000	9999.000	12	14359.45	2.651	38067.11	.129	.053	.076	.087	.018
.000	9999.000	****	14359.45	2.651	38067.11	.129	.053	.076	.087	.018

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TOTAL			14359.45	2.651	38067.11	.129	.053	.076	.087	.018
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 64W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 999 SECTION 64W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	3.08		3.103	9.57	5.466	2.396	3.071	4.054	.735
5.000	100.000	2	8.53		3.276	27.95	7.037	2.724	4.313	4.737	.835
5.000	100.000	3	7.26		3.544	25.73	5.403	2.764	2.640	3.908	1.106
5.000	100.000	4	.54		3.655	1.97	5.496	2.544	2.952	4.300	1.434
5.000	100.000	5	23.22		3.934	91.36	5.803	2.927	2.876	4.639	1.078
5.000	100.000	6	5.50		3.977	21.86	14.547	6.090	8.457	10.363	.864
5.000	100.000	7	26.40		4.037	106.59	11.067	5.149	5.918	7.334	1.063
4.000	5.000	1	38.77		3.038	117.80	4.482	1.749	2.733	3.148	.732
4.000	5.000	2	2.16		3.067	6.62	4.798	1.710	3.088	2.700	.760
4.000	5.000	3	8.64		3.589	31.01	4.501	2.255	2.246	3.526	1.172
4.000	5.000	4	1.06		3.592	3.79	4.432	2.360	2.072	3.848	1.094
4.000	5.000	5	24.84		3.731	92.69	4.309	1.992	2.318	3.274	1.104
.010	4.000	1	25.16		3.148	79.21	3.482	1.505	1.977	2.724	.616
.010	4.000	2	.54		3.366	1.82	3.984	1.658	2.326	3.000	1.062
.010	4.000	3	6.47		3.416	22.10	2.504	.982	1.522	2.518	1.201
.010	4.000	4	30.88		3.482	107.52	3.303	1.929	1.374	3.356	.811
.010	4.000	5	46.98		3.682	172.96	3.693	1.834	1.859	3.026	1.010
.010	4.000	6	.54		3.433	1.85	3.928	1.451	2.477	2.800	.272
.010	4.000	9	15.12		3.163	47.82	3.589	1.743	1.846	2.149	.419
.000	.010	2	5.39		2.850	15.36	.000	.000	.000	.000	.000
.000	9999.000	10	11812.42		2.700	31893.52	.000	.000	.000	.000	.000
.000	9999.000	11	1234.94		2.099	2592.15	.000	.000	.000	.000	.000

TOTAL 13328.44 2.661 35471.24 .142 .067 .076 .107 .025

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 64W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : 999 SECTION 64W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	3.08		3.103	9.57	5.466	2.396	3.071	4.054	.735
5.000	100.000	2	11.62		3.230	37.52	6.636	2.640	3.996	4.562	.810
5.000	100.000	3	18.88		3.351	63.24	6.135	2.690	3.444	4.296	.930
5.000	100.000	4	19.42		3.359	65.22	6.116	2.686	3.429	4.296	.946
5.000	100.000	5	42.64		3.672	156.58	5.933	2.827	3.107	4.496	1.023
5.000	100.000	6	48.13		3.707	178.44	6.988	3.226	3.762	5.215	1.004
5.000	100.000	7	74.53		3.824	285.02	8.514	3.945	4.568	6.008	1.026
5.000	100.000	8	74.53		3.824	285.02	8.514	3.945	4.568	6.008	1.026
5.000	100.000	9	74.53		3.824	285.02	8.514	3.945	4.568	6.008	1.026
4.000	5.000	1	113.30		3.555	402.82	7.335	3.303	4.032	5.171	.940
4.000	5.000	2	115.46		3.546	409.44	7.293	3.277	4.016	5.131	.937
4.000	5.000	3	124.10		3.549	440.45	7.097	3.205	3.892	5.018	.954
4.000	5.000	4	125.16		3.549	444.25	7.074	3.198	3.876	5.008	.955
4.000	5.000	5	150.00		3.580	536.93	6.597	2.990	3.607	4.709	.980
4.000	5.000	6	150.00		3.580	536.93	6.597	2.990	3.607	4.709	.980
4.000	5.000	7	150.00		3.580	536.93	6.597	2.990	3.607	4.709	.980
4.000	5.000	8	150.00		3.580	536.93	6.597	2.990	3.607	4.709	.980
4.000	5.000	9	150.00		3.580	536.93	6.597	2.990	3.607	4.709	.980
.010	4.000	1	175.16		3.518	616.14	6.196	2.799	3.398	4.454	.934
.010	4.000	2	175.70		3.517	617.96	6.190	2.795	3.394	4.450	.934
.010	4.000	3	182.17		3.513	640.06	6.063	2.733	3.330	4.383	.943
.010	4.000	4	213.05		3.509	747.57	5.666	2.617	3.049	4.235	.924
.010	4.000	5	260.03		3.540	920.54	5.295	2.470	2.825	4.008	.940
.010	4.000	6	260.57		3.540	922.39	5.292	2.468	2.824	4.006	.939
.010	4.000	7	260.57		3.540	922.39	5.292	2.468	2.824	4.006	.939
.010	4.000	8	260.57		3.540	922.39	5.292	2.468	2.824	4.006	.939
.010	4.000	9	275.69		3.519	970.21	5.208	2.432	2.776	3.914	.913
.000	.010	1	275.69		3.519	970.21	5.208	2.432	2.776	3.914	.913
.000	.010	2	281.08		3.506	985.57	5.127	2.394	2.733	3.853	.899

.000	.010	5	281.08	3.506	985.57	5.127	2.394	2.733	3.853	.899
.000	.010	6	281.08	3.506	985.57	5.127	2.394	2.733	3.853	.899
.000	.010	7	281.08	3.506	985.57	5.127	2.394	2.733	3.853	.899
.000	.010	8	281.08	3.506	985.57	5.127	2.394	2.733	3.853	.899
.000	.010	9	281.08	3.506	985.57	5.127	2.394	2.733	3.853	.899
.000	9999.000	10	12093.49	2.719	32879.09	.154	.072	.082	.115	.027
.000	9999.000	11	13328.44	2.661	35471.24	.142	.067	.076	.107	.025
.000	9999.000	12	13328.44	2.661	35471.24	.142	.067	.076	.107	.025
.000	9999.000	****	13328.44	2.661	35471.24	.142	.067	.076	.107	.025

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TOTAL			13328.44	2.661	35471.24	.142	.067	.076	.107	.025
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 66W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 66W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	2	9.83	3.119	30.65	7.319	2.614	4.705	4.580	.556
5.000	100.000	3	4.74	3.538	16.77	5.206	3.035	2.171	3.524	.933
5.000	100.000	4	7.56	3.412	25.80	8.254	3.137	5.117	5.588	1.944
5.000	100.000	5	12.65	3.969	50.20	6.014	2.660	3.354	4.162	1.110
5.000	100.000	7	6.08	3.821	23.25	10.722	4.674	6.048	7.963	.938
4.000	5.000	3	21.06	3.515	74.02	4.620	2.530	2.090	3.256	.914
4.000	5.000	4	.54	3.339	1.80	4.790	1.209	3.581	2.600	1.628
4.000	5.000	5	26.65	3.775	100.62	4.613	1.989	2.623	3.328	.952
.010	4.000	3	20.22	3.553	71.85	2.969	1.142	1.826	2.600	.730
.010	4.000	4	.54	3.305	1.78	3.993	.767	3.226	1.800	1.664
.010	4.000	5	2.16	3.801	8.21	3.808	1.801	2.007	3.045	.944
.000	.010	5	1.08	2.850	3.08	.000	.000	.000	.000	.000
.000	.010	6	2.16	2.887	6.24	.000	.000	.000	.000	.000
.000	9999.000	10	11543.23	2.700	31166.73	.000	.000	.000	.000	.000
.000	9999.000	11	954.78	2.099	2004.08	.000	.000	.000	.000	.000
TOTAL			12613.28	2.663	33585.07	.064	.028	.036	.046	.012

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 66W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 66W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	2	9.83		3.119	30.65	7.319	2.614	4.705	4.580	.556
5.000	100.000	3	14.57		3.255	47.42	6.572	2.763	3.809	4.207	.689
5.000	100.000	4	22.13		3.309	73.21	7.165	2.895	4.270	4.693	1.131
5.000	100.000	5	34.78		3.549	123.42	6.697	2.799	3.897	4.477	1.122
5.000	100.000	6	34.78		3.549	123.42	6.697	2.799	3.897	4.477	1.122
5.000	100.000	7	40.86		3.589	146.67	7.335	3.096	4.238	5.030	1.093
5.000	100.000	8	40.86		3.589	146.67	7.335	3.096	4.238	5.030	1.093
5.000	100.000	9	40.86		3.589	146.67	7.335	3.096	4.238	5.030	1.093
4.000	5.000	1	40.86		3.589	146.67	7.335	3.096	4.238	5.030	1.093
4.000	5.000	2	40.86		3.589	146.67	7.335	3.096	4.238	5.030	1.093
4.000	5.000	3	61.92		3.564	220.69	6.424	2.906	3.518	4.435	1.033
4.000	5.000	4	62.46		3.562	222.49	6.411	2.893	3.518	4.420	1.038
4.000	5.000	5	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
4.000	5.000	6	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
4.000	5.000	7	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
4.000	5.000	8	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
4.000	5.000	9	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
.010	4.000	1	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
.010	4.000	2	89.11		3.626	323.11	5.851	2.611	3.240	4.080	1.011
.010	4.000	3	109.33		3.612	394.95	5.327	2.344	2.982	3.811	.960
.010	4.000	4	109.87		3.611	396.74	5.321	2.337	2.984	3.802	.963
.010	4.000	5	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.010	4.000	6	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.010	4.000	7	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.010	4.000	8	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.010	4.000	9	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.000	.010	1	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.000	.010	2	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963
.000	.010	3	112.03		3.615	404.95	5.290	2.326	2.964	3.786	.963

.000	.010	6	115.27	3.594	414.26	5.171	2.274	2.897	3.701	.941
.000	.010	7	115.27	3.594	414.26	5.171	2.274	2.897	3.701	.941
.000	.010	8	115.27	3.594	414.26	5.171	2.274	2.897	3.701	.941
.000	.010	9	115.27	3.594	414.26	5.171	2.274	2.897	3.701	.941
.000	9999.000	10	11658.50	2.709	31580.99	.068	.030	.038	.049	.012
.000	9999.000	11	12613.28	2.663	33585.07	.064	.028	.036	.046	.012
.000	9999.000	12	12613.28	2.663	33585.07	.064	.028	.036	.046	.012
.000	9999.000	****	12613.28	2.663	33585.07	.064	.028	.036	.046	.012

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TOTAL			12613.28	2.663	33585.07	.064	.028	.036	.046	.012
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 68W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 68W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	3.13		3.186	9.98	8.071	2.910	5.161	4.305	.787
5.000	100.000	3	3.38		3.649	12.35	5.216	2.346	2.870	3.664	1.007
5.000	100.000	5	28.08		3.521	98.88	5.730	2.539	3.191	4.284	1.168
5.000	100.000	6	3.24		4.043	13.10	8.528	4.408	4.120	5.640	1.417
5.000	100.000	7	13.43		3.666	49.23	10.012	4.322	5.690	8.044	.962
4.000	5.000	1	.92		2.988	2.76	4.127	1.481	2.646	2.477	.470
4.000	5.000	2	3.78		4.186	15.82	4.150	2.108	2.042	3.700	.559
4.000	5.000	3	6.08		3.553	21.61	4.666	2.137	2.529	3.528	.876
4.000	5.000	4	1.08		3.757	4.06	4.233	2.077	2.155	3.350	1.128
4.000	5.000	5	14.04		3.710	52.09	4.279	2.139	2.140	3.378	1.084
.010	4.000	1	5.98		3.281	19.61	2.546	1.380	1.166	2.483	.705
.010	4.000	2	.54		4.270	2.31	3.869	2.037	1.832	3.600	.552
.010	4.000	3	51.07		3.320	169.57	3.145	1.514	1.631	2.525	.583
.010	4.000	4	5.40		3.743	20.21	3.646	1.826	1.821	3.150	1.228
.010	4.000	5	70.20		3.572	250.75	3.279	1.734	1.545	2.699	.861
.010	4.000	8	4.32		3.553	15.35	3.480	1.829	1.651	2.825	.351
.000	.010	5	8.64		2.850	24.62	.000	.000	.000	.000	.000
.000	.010	6	7.51		2.990	22.46	.000	.000	.000	.000	.000
.000	.010	7	8.64		2.859	24.70	.000	.000	.000	.000	.000
.000	9999.000	10	11055.56		2.700	29850.02	.000	.000	.000	.000	.000
.000	9999.000	11	680.24		2.099	1427.83	.000	.000	.000	.000	.000

TOTAL 11975.28 2.681 32107.32 .102 .049 .053 .080 .020

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 68W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 68W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	3.13		3.186	9.98	8.071	2.910	5.161	4.305	.787
5.000	100.000	2	3.13		3.186	9.98	8.071	2.910	5.161	4.305	.787
5.000	100.000	3	6.52		3.427	22.33	6.492	2.598	3.894	3.950	.909
5.000	100.000	4	6.52		3.427	22.33	6.492	2.598	3.894	3.950	.909
5.000	100.000	5	34.60		3.503	121.20	5.870	2.550	3.320	4.222	1.120
5.000	100.000	6	37.84		3.550	134.30	6.129	2.731	3.398	4.360	1.149
5.000	100.000	7	51.26		3.580	183.53	7.171	3.158	4.013	5.348	1.099
5.000	100.000	8	51.26		3.580	183.53	7.171	3.158	4.013	5.348	1.099
5.000	100.000	9	51.26		3.580	183.53	7.171	3.158	4.013	5.348	1.099
4.000	5.000	1	52.19		3.570	186.29	7.126	3.133	3.993	5.306	1.090
4.000	5.000	2	55.97		3.611	202.11	6.893	3.053	3.840	5.180	1.048
4.000	5.000	3	62.05		3.605	223.73	6.678	2.964	3.713	5.020	1.032
4.000	5.000	4	63.13		3.608	227.78	6.634	2.948	3.686	4.991	1.033
4.000	5.000	5	77.17		3.627	279.88	6.196	2.798	3.398	4.691	1.043
4.000	5.000	6	77.17		3.627	279.88	6.196	2.798	3.398	4.691	1.043
4.000	5.000	7	77.17		3.627	279.88	6.196	2.798	3.398	4.691	1.043
4.000	5.000	8	77.17		3.627	279.88	6.196	2.798	3.398	4.691	1.043
4.000	5.000	9	77.17		3.627	279.88	6.196	2.798	3.398	4.691	1.043
.010	4.000	1	83.15		3.602	299.49	5.957	2.705	3.252	4.546	1.021
.010	4.000	2	83.69		3.606	301.79	5.941	2.700	3.241	4.539	1.017
.010	4.000	3	134.76		3.498	471.36	4.935	2.273	2.662	3.814	.861
.010	4.000	4	140.16		3.507	491.57	4.882	2.255	2.627	3.787	.876
.010	4.000	5	210.36		3.529	742.33	4.341	2.079	2.262	3.420	.871
.010	4.000	6	210.36		3.529	742.33	4.341	2.079	2.262	3.420	.871
.010	4.000	7	210.36		3.529	742.33	4.341	2.079	2.262	3.420	.871
.010	4.000	8	214.68		3.529	757.68	4.323	2.074	2.249	3.408	.860
.010	4.000	9	214.68		3.529	757.68	4.323	2.074	2.249	3.408	.860
.000	.010	1	214.68		3.529	757.68	4.323	2.074	2.249	3.408	.860

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 70W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 70W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	3	5.22	3.739	19.52	5.816	2.359	3.456	4.469	1.383
5.000	100.000	5	6.48	3.646	23.63	5.824	2.717	3.107	4.534	1.643
5.000	100.000	6	1.92	3.975	7.63	9.991	4.420	5.571	6.651	1.157
5.000	100.000	7	7.28	4.131	30.09	12.190	5.133	7.057	8.466	1.216
4.000	5.000	1	.38	3.843	1.48	4.419	2.411	2.008	3.800	1.229
4.000	5.000	3	2.60	3.612	9.40	4.836	1.948	2.888	3.825	1.301
.010	4.000	3	2.41	3.456	8.34	2.704	1.102	1.602	2.288	.841
.000	.010	3	2.71	3.000	8.14	.000	.000	.000	.000	.000
.000	9999.000	10	10592.23	2.700	28869.01	.000	.000	.000	.000	.000
.000	9999.000	11	398.15	2.099	835.71	.000	.000	.000	.000	.000
TOTAL			11119.39	2.681	29812.94	.026	.011	.015	.019	.004

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.000	.010	7	29.02	3.730	108.22	7.103	3.045	4.058	5.179	1.222
.000	.010	8	29.02	3.730	108.22	7.103	3.045	4.058	5.179	1.222
.000	.010	9	29.02	3.730	108.22	7.103	3.045	4.058	5.179	1.222
.000	9999.000	10	10721.24	2.703	28977.23	.027	.011	.015	.019	.005
.000	9999.000	11	11119.39	2.681	29812.94	.026	.011	.015	.019	.004
.000	9999.000	12	11119.39	2.681	29812.94	.026	.011	.015	.019	.004
.000	9999.000	****	11119.39	2.681	29812.94	.026	.011	.015	.019	.004

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TOTAL			11119.39	2.681	29812.94	.026	.011	.015	.019	.004
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 72W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 72W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	.40	3.176	1.26	7.627	2.685	4.942	4.200	.598	
5.000	100.000	2	2.66	3.097	8.25	8.614	3.510	5.104	5.474	.861	
5.000	100.000	4	5.77	3.528	20.36	8.892	4.007	4.884	6.866	1.382	
5.000	100.000	6	.31	4.095	1.28	15.086	5.671	9.415	9.354	1.544	
.010	4.000	3	14.98	3.311	49.59	2.844	.810	2.034	2.161	.990	
.000	9999.000	10	10513.56	2.700	28386.45	.000	.000	.000	.000	.000	
.000	9999.000	11	238.08	2.099	499.73	.000	.000	.000	.000	.000	
TOTAL			10775.70	2.688	28966.91	.015	.006	.009	.011	.003	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 72W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 B25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 72W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	.40		3.176	1.26	7.627	2.685	4.942	4.200	.598
5.000	100.000	2	3.06		3.107	9.51	8.483	3.401	5.083	5.305	.826
5.000	100.000	3	3.06		3.107	9.51	8.483	3.401	5.083	5.305	.826
5.000	100.000	4	8.83		3.382	29.87	8.762	3.814	4.947	6.369	1.205
5.000	100.000	5	8.83		3.382	29.87	8.762	3.814	4.947	6.369	1.205
5.000	100.000	6	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
5.000	100.000	7	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
5.000	100.000	8	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
5.000	100.000	9	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	1	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	2	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	3	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	4	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	5	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	6	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	7	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	8	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
4.000	5.000	9	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
.010	4.000	1	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
.010	4.000	2	9.14		3.406	31.15	9.021	3.890	5.131	6.491	1.219
.010	4.000	3	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.010	4.000	4	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.010	4.000	5	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.010	4.000	6	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.010	4.000	7	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.010	4.000	8	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.010	4.000	9	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079
.000	.010	1	24.12		3.347	80.74	5.227	1.998	3.229	3.831	1.079

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.000	.010	5	24.12	3.347	80.74	5.227	1.998	3.229	3.831	1.079
.000	.010	6	24.12	3.347	80.74	5.227	1.998	3.229	3.831	1.079
.000	.010	7	24.12	3.347	80.74	5.227	1.998	3.229	3.831	1.079
.000	.010	8	24.12	3.347	80.74	5.227	1.998	3.229	3.831	1.079
.000	.010	9	24.12	3.347	80.74	5.227	1.998	3.229	3.831	1.079
.000	9999.000	10	10537.62	2.701	28467.18	.015	.006	.009	.011	.003
.000	9999.000	11	10775.70	2.688	28966.91	.015	.006	.009	.011	.003
.000	9999.000	12	10775.70	2.688	28966.91	.015	.006	.009	.011	.003
.000	9999.000	****	10775.70	2.688	28966.91	.015	.006	.009	.011	.003

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TOTAL			10775.70	2.688	28966.91	.015	.006	.009	.011	.003
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 74W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 74W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE		AVERAGE GRADES			
			[bcm	x1000]	[tn/bcm]	[ TONS x1000]	[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	1.76		3.353	5.92	5.639	2.225	3.414	3.910	.756
5.000	100.000	2	4.98		3.125	15.56	9.419	3.584	5.835	5.433	.709
5.000	100.000	4	13.20		3.641	48.06	6.705	2.900	3.805	4.469	1.123
5.000	100.000	5	2.70		3.753	10.13	7.638	3.973	3.664	5.357	.961
5.000	100.000	6	44.41		3.861	171.46	9.310	4.103	5.207	5.983	1.283
5.000	100.000	7	15.61		3.933	61.41	13.519	4.999	8.520	8.401	1.196
5.000	100.000	8	.01		3.776	.05	15.328	5.227	10.101	10.800	1.330
4.000	5.000	1	2.24		3.168	7.11	4.433	1.511	2.922	3.033	.574
4.000	5.000	5	3.24		3.584	11.61	4.551	2.162	2.389	3.222	1.139
.010	4.000	1	.50		3.201	1.61	3.723	1.385	2.338	2.943	.509
.010	4.000	3	28.62		3.300	94.45	2.340	.853	1.488	1.839	.720
.010	4.000	5	4.86		3.718	18.07	3.538	1.616	1.922	2.878	1.396
.000	.010	3	.54		3.000	1.62	.000	.000	.000	.000	.000
.000	.010	5	.54		3.000	1.62	.000	.000	.000	.000	.000
.000	.010	6	1.62		3.000	4.86	.000	.000	.000	.000	.000
.000	.010	9	4.32		3.000	12.96	.000	.000	.000	.000	.000
.000	9999.000	10	10499.94		2.700	28349.84	.000	.000	.000	.000	.000
.000	9999.000	11	188.83		2.099	396.36	.000	.000	.000	.000	.000

TOTAL 10817.94 2.700 29212.69 .116 .048 .068 .076 .017

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 74W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 74W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	1.76		3.353	5.92	5.639	2.225	3.414	3.910	.756
5.000	100.000	2	6.74		3.184	21.48	8.378	3.210	5.168	5.013	.722
5.000	100.000	3	6.74		3.184	21.48	8.378	3.210	5.168	5.013	.722
5.000	100.000	4	19.94		3.487	69.54	7.221	2.995	4.226	4.637	.999
5.000	100.000	5	22.64		3.518	79.67	7.274	3.120	4.154	4.729	.994
5.000	100.000	6	67.06		3.745	251.13	8.664	3.791	4.873	5.585	1.191
5.000	100.000	7	82.67		3.781	312.53	9.618	4.029	5.589	6.138	1.192
5.000	100.000	8	82.68		3.781	312.58	9.619	4.029	5.590	6.139	1.192
5.000	100.000	9	82.68		3.781	312.58	9.619	4.029	5.590	6.139	1.192
4.000	5.000	1	84.92		3.764	319.69	9.504	3.973	5.531	6.070	1.179
4.000	5.000	2	84.92		3.764	319.69	9.504	3.973	5.531	6.070	1.179
4.000	5.000	3	84.92		3.764	319.69	9.504	3.973	5.531	6.070	1.179
4.000	5.000	4	84.92		3.764	319.69	9.504	3.973	5.531	6.070	1.179
4.000	5.000	5	88.16		3.758	331.30	9.330	3.909	5.421	5.970	1.177
4.000	5.000	6	88.16		3.758	331.30	9.330	3.909	5.421	5.970	1.177
4.000	5.000	7	88.16		3.758	331.30	9.330	3.909	5.421	5.970	1.177
4.000	5.000	8	88.16		3.758	331.30	9.330	3.909	5.421	5.970	1.177
4.000	5.000	9	88.16		3.758	331.30	9.330	3.909	5.421	5.970	1.177
.010	4.000	1	88.67		3.755	332.91	9.303	3.897	5.406	5.955	1.174
.010	4.000	2	88.67		3.755	332.91	9.303	3.897	5.406	5.955	1.174
.010	4.000	3	117.29		3.644	427.36	7.764	3.224	4.540	5.046	1.074
.010	4.000	4	117.29		3.644	427.36	7.764	3.224	4.540	5.046	1.074
.010	4.000	5	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087
.010	4.000	6	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087
.010	4.000	7	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087
.010	4.000	8	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087
.010	4.000	9	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087
.000	.010	1	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087
.000	.010	2	122.15		3.647	445.43	7.593	3.159	4.434	4.958	1.087

.000	.010	5	123.23	3.641	448.67	7.538	3.136	4.402	4.922	1.079
.000	.010	6	124.85	3.633	453.53	7.457	3.103	4.354	4.869	1.067
.000	.010	7	124.85	3.633	453.53	7.457	3.103	4.354	4.869	1.067
.000	.010	8	124.85	3.633	453.53	7.457	3.103	4.354	4.869	1.067
.000	.010	9	129.17	3.612	468.49	7.250	3.016	4.233	4.734	1.038
.000	9999.000	10	10629.11	2.711	28816.33	.117	.049	.069	.077	.017
.000	9999.000	11	10817.94	2.700	29212.69	.116	.048	.068	.076	.017
.000	9999.000	12	10817.94	2.700	29212.69	.116	.048	.068	.076	.017
.000	9999.000	****	10817.94	2.700	29212.69	.116	.048	.068	.076	.017

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TOTAL			10817.94	2.700	29212.69	.116	.048	.068	.076	.017
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 76W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 025 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 76W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM	GRADES TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	11.28	3.146	35.49	6.414	2.688	3.726	4.203	1.063
5.000	100.000	2	19.92	3.207	63.89	8.647	3.385	5.262	5.275	1.159
5.000	100.000	3	19.92	3.207	63.89	8.647	3.385	5.262	5.275	1.159
5.000	100.000	4	32.34	3.284	106.21	9.578	3.708	5.871	5.781	1.434
5.000	100.000	5	48.00	3.377	162.11	8.756	3.511	5.246	5.357	1.268
5.000	100.000	6	86.17	3.676	316.73	9.647	3.845	5.803	6.370	1.384
5.000	100.000	7	137.71	3.777	520.07	10.560	4.152	6.407	6.666	1.363
5.000	100.000	8	137.71	3.777	520.07	10.560	4.152	6.407	6.666	1.363
5.000	100.000	9	137.71	3.777	520.07	10.560	4.152	6.407	6.666	1.363
4.000	5.000	1	149.72	3.722	557.32	10.162	3.993	6.169	6.419	1.325
4.000	5.000	2	149.72	3.722	557.32	10.162	3.993	6.169	6.419	1.325
4.000	5.000	3	149.72	3.722	557.32	10.162	3.993	6.169	6.419	1.325
4.000	5.000	4	149.72	3.722	557.32	10.162	3.993	6.169	6.419	1.325
4.000	5.000	5	158.90	3.725	591.98	9.818	3.890	5.928	6.291	1.311
4.000	5.000	6	158.90	3.725	591.98	9.818	3.890	5.928	6.291	1.311
4.000	5.000	7	158.90	3.725	591.98	9.818	3.890	5.928	6.291	1.311
4.000	5.000	8	158.90	3.725	591.98	9.818	3.890	5.928	6.291	1.311
4.000	5.000	9	159.65	3.721	594.11	9.798	3.881	5.917	6.276	1.308
.010	4.000	1	162.26	3.710	602.01	9.714	3.846	5.868	6.222	1.302
.010	4.000	2	162.26	3.710	602.01	9.714	3.846	5.868	6.222	1.302
.010	4.000	3	162.26	3.710	602.01	9.714	3.846	5.868	6.222	1.302
.010	4.000	4	162.26	3.710	602.01	9.714	3.846	5.868	6.222	1.302
.010	4.000	5	163.07	3.709	604.89	9.686	3.836	5.850	6.209	1.300
.010	4.000	6	163.07	3.709	604.89	9.686	3.836	5.850	6.209	1.300
.010	4.000	7	163.07	3.709	604.89	9.686	3.836	5.850	6.209	1.300
.010	4.000	8	163.07	3.709	604.89	9.686	3.836	5.850	6.209	1.300
.010	4.000	9	164.00	3.704	607.54	9.661	3.826	5.835	6.191	1.297
.000	.010	1	164.00	3.704	607.54	9.661	3.826	5.835	6.191	1.297

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.000	.010	5	166.16	3.695	614.02	9.559	3.785	5.774	6.125	1.284
.000	.010	6	166.16	3.695	614.02	9.559	3.785	5.774	6.125	1.284
.000	.010	7	168.86	3.684	622.12	9.435	3.736	5.699	6.046	1.267
.000	.010	8	168.86	3.684	622.12	9.435	3.736	5.699	6.046	1.267
.000	.010	9	168.86	3.684	<del>622.12</del>	9.435	3.736	5.699	6.046	1.267
.000	9999.000	10	11216.34	2.715	30450.31	.193	.076	.116	.124	.026
.000	9999.000	11	11395.64	2.705	30826.67	.190	.075	.115	.122	.026
.000	9999.000	12	11395.64	2.705	30826.67	.190	.075	.115	.122	.026
.000	9999.000	****	11395.64	2.705	30826.67	.190	.075	.115	.122	.026

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TOTAL			11395.64	2.705	30826.67	.190	.075	.115	.122	.026
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 78W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 78W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE		AVERAGE GRADES			
		[bcm	x1000]	[tn/bcm]	[ TONS x1000]	[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	6.73	3.108	20.92	6.622	2.472	4.150	4.309	1.105
5.000	100.000	2	14.83	3.149	46.71	8.149	3.426	4.723	5.705	1.224
5.000	100.000	4	2.70	3.313	8.95	16.427	5.979	10.448	9.619	1.905
5.000	100.000	5	16.74	3.714	62.17	8.817	3.693	5.124	6.605	1.155
5.000	100.000	6	49.14	4.015	197.30	10.896	4.419	6.477	8.173	1.487
5.000	100.000	7	10.19	4.213	42.92	11.194	3.998	7.196	7.942	1.371
5.000	100.000	9	18.36	3.694	67.82	7.925	3.431	4.493	4.883	.000
4.000	5.000	1	10.26	3.102	31.83	4.274	1.690	2.584	2.926	.626
4.000	5.000	2	1.62	2.981	4.83	4.881	2.123	2.758	3.500	.920
4.000	5.000	5	8.64	3.527	30.48	4.393	2.007	2.386	3.244	.992
.010	4.000	1	29.16	2.897	84.48	2.909	1.002	1.907	1.970	.374
.010	4.000	3	.54	3.366	1.82	3.160	1.315	1.845	2.100	.787
.010	4.000	5	2.16	3.451	7.45	3.930	1.792	2.138	3.000	1.079
.000	.010	1	2.16	3.000	6.48	.000	.000	.000	.000	.000
.000	.010	2	15.66	3.000	46.98	.000	.000	.000	.000	.000
.000	.010	9	1.08	3.000	3.24	.000	.000	.000	.000	.000
.000	9999.000	10	11352.95	2.700	30652.96	.000	.000	.000	.000	.000
.000	9999.000	11	179.75	2.099	377.29	.000	.000	.000	.000	.000

TOTAL 11722.67 2.704 31694.63 .156 .063 .093 .112 .019

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 78W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 78W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	GRADES TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	A V E R A G E G R A D E S				
			[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	6.73		3.108	20.92	6.622	2.472	4.150	4.309	1.105
5.000	100.000	2	21.56		3.136	67.63	7.677	3.131	4.546	5.273	1.187
5.000	100.000	3	21.56		3.136	67.63	7.677	3.131	4.546	5.273	1.187
5.000	100.000	4	24.26		3.156	76.58	8.699	3.464	5.235	5.781	1.271
5.000	100.000	5	41.00		3.384	138.75	8.752	3.567	5.185	6.150	1.219
5.000	100.000	6	90.14		3.728	336.05	10.011	4.067	5.944	7.338	1.376
5.000	100.000	7	100.33		3.777	378.97	10.145	4.059	6.086	7.406	1.376
5.000	100.000	8	100.33		3.777	378.97	10.145	4.059	6.086	7.406	1.376
5.000	100.000	9	118.69		3.764	446.79	9.808	3.964	5.844	7.023	1.167
4.000	5.000	1	128.95		3.712	478.62	9.440	3.813	5.627	6.751	1.131
4.000	5.000	2	130.57		3.703	483.45	9.394	3.796	5.598	6.718	1.129
4.000	5.000	3	130.57		3.703	483.45	9.394	3.796	5.598	6.718	1.129
4.000	5.000	4	130.57		3.703	483.45	9.394	3.796	5.598	6.718	1.129
4.000	5.000	5	139.21		3.692	513.93	9.098	3.690	5.408	6.512	1.121
4.000	5.000	6	139.21		3.692	513.93	9.098	3.690	5.408	6.512	1.121
4.000	5.000	7	139.21		3.692	513.93	9.098	3.690	5.408	6.512	1.121
4.000	5.000	8	139.21		3.692	513.93	9.098	3.690	5.408	6.512	1.121
4.000	5.000	9	139.21		3.692	513.93	9.098	3.690	5.408	6.512	1.121
.010	4.000	1	168.37		3.554	598.40	8.224	3.310	4.914	5.871	1.015
.010	4.000	2	168.37		3.554	598.40	8.224	3.310	4.914	5.871	1.015
.010	4.000	3	168.91		3.553	600.22	8.209	3.304	4.904	5.860	1.014
.010	4.000	4	168.91		3.553	600.22	8.209	3.304	4.904	5.860	1.014
.010	4.000	5	171.07		3.552	607.68	8.156	3.286	4.871	5.825	1.015
.010	4.000	6	171.07		3.552	607.68	8.156	3.286	4.871	5.825	1.015
.010	4.000	7	171.07		3.552	607.68	8.156	3.286	4.871	5.825	1.015
.010	4.000	8	171.07		3.552	607.68	8.156	3.286	4.871	5.825	1.015
.010	4.000	9	171.07		3.552	607.68	8.156	3.286	4.871	5.825	1.015
.000	.010	1	173.23		3.545	614.16	8.070	3.251	4.819	5.763	1.004

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.000	.010	5	188.89	3.500	661.14	7.497	3.020	4.477	5.354	.933
.000	.010	6	188.89	3.500	661.14	7.497	3.020	4.477	5.354	.933
.000	.010	7	188.89	3.500	661.14	7.497	3.020	4.477	5.354	.933
.000	.010	8	188.89	3.500	661.14	7.497	3.020	4.477	5.354	.933
.000	.010	9	189.97	3.497	<u>664.38</u>	7.460	3.005	4.455	5.327	.929
.000	9999.000	10	11542.92	2.713	31317.33	.158	.064	.095	.113	.020
.000	9999.000	11	11722.67	2.704	31694.63	.156	.063	.093	.112	.019
.000	9999.000	12	11722.67	2.704	31694.63	.156	.063	.093	.112	.019
.000	9999.000	****	11722.67	2.704	31694.63	.156	.063	.093	.112	.019

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TOTAL			11722.67	2.704	31694.63	.156	.063	.093	.112	.019
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 80W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 80W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
			[bcm x1000]				[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	58.09		3.276	190.31	5.842	2.416	3.426	3.874	1.227
5.000	100.000	2	30.78		3.197	98.42	9.596	3.748	5.849	6.800	1.448
5.000	100.000	3	1.08		3.340	3.61	5.273	2.656	2.618	4.750	1.077
5.000	100.000	4	23.53		3.589	84.45	8.331	3.744	4.587	5.545	.850
5.000	100.000	5	11.34		3.656	41.46	5.773	2.561	3.213	4.924	1.372
5.000	100.000	6	67.44		4.153	280.08	8.029	3.584	4.446	6.381	1.616
5.000	100.000	7	28.08		3.974	111.58	8.731	4.459	4.273	6.312	1.313
4.000	5.000	1	25.92		3.338	86.52	4.458	2.035	2.423	3.365	1.176
4.000	5.000	2	2.95		3.001	8.86	4.769	2.056	2.713	3.411	.894
4.000	5.000	3	14.04		3.300	46.33	4.621	2.219	2.402	4.058	.968
4.000	5.000	5	13.50		3.700	49.95	4.959	2.270	2.690	4.288	1.495
.010	4.000	1	76.14		3.075	234.16	2.845	1.182	1.663	2.112	.816
.010	4.000	3	25.92		3.348	86.77	2.985	1.331	1.654	2.788	.805
.010	4.000	7	.54		4.113	2.22	3.925	2.203	1.722	4.300	1.765
.010	4.000	9	.23		2.993	.68	3.858	1.811	2.047	2.600	.000
.000	.010	1	12.96		3.000	38.88	.000	.000	.000	.000	.000
.000	.010	4	2.16		3.000	6.48	.000	.000	.000	.000	.000
.000	.010	5	5.33		2.880	15.35	.000	.000	.000	.000	.000
.000	.010	6	15.12		2.979	45.04	.000	.000	.000	.000	.000
.000	.010	7	1.62		3.000	4.86	.000	.000	.000	.000	.000
.000	.010	9	8.64		3.000	25.92	.000	.000	.000	.000	.000
.000	9999.000	10	10951.44		2.700	29568.89	.000	.000	.000	.000	.000
.000	9999.000	11	178.04		2.099	373.71	.000	.000	.000	.000	.000
TOTAL			11554.90		2.718	31404.53	.257	.114	.143	.193	.051

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 80W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 80W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	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]	
5.000	100.000	1	58.09	3.276	190.31	5.842	2.416	3.426	3.874	1.227
5.000	100.000	2	88.87	3.249	288.73	7.122	2.870	4.252	4.871	1.302
5.000	100.000	3	89.95	3.250	292.34	7.099	2.867	4.232	4.870	1.299
5.000	100.000	4	113.48	3.320	376.79	7.375	3.064	4.311	5.021	1.199
5.000	100.000	5	124.82	3.351	418.25	7.216	3.014	4.202	5.012	1.216
5.000	100.000	6	192.26	3.632	698.33	7.543	3.243	4.300	5.561	1.376
5.000	100.000	7	220.34	3.676	809.91	7.706	3.410	4.296	5.664	1.368
5.000	100.000	8	220.34	3.676	809.91	7.706	3.410	4.296	5.664	1.368
5.000	100.000	9	220.34	3.676	809.91	7.706	3.410	4.296	5.664	1.368
4.000	5.000	1	246.26	3.640	896.43	7.393	3.277	4.115	5.442	1.349
4.000	5.000	2	249.22	3.633	905.29	7.367	3.265	4.102	5.422	1.345
4.000	5.000	3	263.26	3.615	951.62	7.233	3.215	4.019	5.356	1.326
4.000	5.000	4	263.26	3.615	951.62	7.233	3.215	4.019	5.356	1.326
4.000	5.000	5	276.76	3.619	1001.57	7.120	3.167	3.953	5.303	1.335
4.000	5.000	6	276.76	3.619	1001.57	7.120	3.167	3.953	5.303	1.335
4.000	5.000	7	276.76	3.619	1001.57	7.120	3.167	3.953	5.303	1.335
4.000	5.000	8	276.76	3.619	1001.57	7.120	3.167	3.953	5.303	1.335
4.000	5.000	9	276.76	3.619	1001.57	7.120	3.167	3.953	5.303	1.335
.010	4.000	1	352.90	3.502	1235.73	6.310	2.791	3.519	4.698	1.236
.010	4.000	2	352.90	3.502	1235.73	6.310	2.791	3.519	4.698	1.236
.010	4.000	3	378.82	3.491	1322.50	6.092	2.695	3.396	4.573	1.208
.010	4.000	4	378.82	3.491	1322.50	6.092	2.695	3.396	4.573	1.208
.010	4.000	5	378.82	3.491	1322.50	6.092	2.695	3.396	4.573	1.208
.010	4.000	6	378.82	3.491	1322.50	6.092	2.695	3.396	4.573	1.208
.010	4.000	7	379.36	3.492	1324.72	6.088	2.695	3.394	4.572	1.209
.010	4.000	8	379.36	3.492	1324.72	6.088	2.695	3.394	4.572	1.209
.010	4.000	9	379.58	3.492	1325.40	6.087	2.694	3.393	4.571	1.208
.000	.010	1	392.54	3.475	1364.28	5.914	2.617	3.296	4.441	1.174

.000	.010	5	400.03	3.465	1386.11	5.820	2.576	3.244	4.371	1.156
.000	.010	6	415.15	3.447	1431.14	5.637	2.495	3.142	4.233	1.119
.000	.010	7	416.77	3.446	1436.00	5.618	2.487	3.132	4.219	1.115
.000	.010	8	416.77	3.446	1436.00	5.618	2.487	3.132	4.219	1.115
.000	.010	9	425.41	3.436	<u>1461.92</u>	5.519	2.443	3.076	4.144	1.096
.000	9999.000	10	11376.85	2.728	31030.81	.260	.115	.145	.195	.052
.000	9999.000	11	11554.90	2.718	31404.53	.257	.114	.143	.193	.051
.000	9999.000	12	11554.90	2.718	31404.53	.257	.114	.143	.193	.051
.000	9999.000	****	11554.90	2.718	31404.53	.257	.114	.143	.193	.051

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TOTAL			11554.90	2.718	31404.53	.257	.114	.143	.193	.051
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 82W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 82W

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	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]
5.000 100.000	1	1.31	2.971	3.89	5.863	1.829	4.034	3.589	.545
5.000 100.000	2	60.41	3.077	185.90	7.073	2.513	4.559	4.412	.545
5.000 100.000	4	12.22	3.157	38.57	10.566	3.879	6.686	6.811	.648
5.000 100.000	5	5.40	3.551	19.17	9.860	3.210	6.650	6.248	1.212
5.000 100.000	6	6.84	4.419	30.22	12.983	5.068	7.915	8.245	1.215
5.000 100.000	7	18.97	4.320	81.97	15.833	5.782	10.051	11.600	1.162
4.000 5.000	1	10.46	3.042	31.83	4.308	1.499	2.808	3.013	.765
4.000 5.000	3	2.16	3.267	7.06	4.187	1.694	2.493	2.925	1.174
.010 4.000	1	27.24	3.060	83.36	3.702	1.379	2.323	2.745	.818
.010 4.000	3	8.64	3.168	27.37	3.390	1.390	2.000	2.549	.999
.010 4.000	9	4.32	3.208	13.86	2.605	1.045	1.560	1.988	.444
.000 .010	4	4.32	3.000	12.96	.000	.000	.000	.000	.000
.000 .010	5	8.64	3.000	25.92	.000	.000	.000	.000	.000
.000 9999.000	10	10907.44	2.700	29450.08	.000	.000	.000	.000	.000
.000 9999.000	11	114.85	2.099	241.07	.000	.000	.000	.000	.000
TOTAL		11193.22	2.703	30253.22	.140	.051	.089	.095	.014

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 82W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 82W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM	TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	1.31	2.971	3.89	5.863	1.829	4.034	3.589	.545
5.000	100.000	2	61.72	3.075	189.78	7.048	2.499	4.549	4.395	.545
5.000	100.000	3	61.72	3.075	189.78	7.048	2.499	4.549	4.395	.545
5.000	100.000	4	73.93	3.089	228.35	7.642	2.732	4.910	4.803	.562
5.000	100.000	5	79.33	3.120	247.53	7.814	2.769	5.045	4.915	.613
5.000	100.000	6	86.17	3.223	277.75	8.376	3.019	5.357	5.278	.678
5.000	100.000	7	105.14	3.421	359.72	10.075	3.649	6.427	6.718	.788
5.000	100.000	8	105.14	3.421	359.72	10.075	3.649	6.427	6.718	.788
5.000	100.000	9	105.14	3.421	359.72	10.075	3.649	6.427	6.718	.788
4.000	5.000	1	115.61	3.387	391.54	9.607	3.474	6.132	6.417	.787
4.000	5.000	2	115.61	3.387	391.54	9.607	3.474	6.132	6.417	.787
4.000	5.000	3	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
4.000	5.000	4	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
4.000	5.000	5	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
4.000	5.000	6	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
4.000	5.000	7	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
4.000	5.000	8	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
4.000	5.000	9	117.77	3.385	398.60	9.511	3.443	6.068	6.355	.793
.010	4.000	1	145.01	3.324	481.96	8.506	3.086	5.420	5.731	.798
.010	4.000	2	145.01	3.324	481.96	8.506	3.086	5.420	5.731	.798
.010	4.000	3	153.65	3.315	509.33	8.231	2.995	5.236	5.560	.809
.010	4.000	4	153.65	3.315	509.33	8.231	2.995	5.236	5.560	.809
.010	4.000	5	153.65	3.315	509.33	8.231	2.995	5.236	5.560	.809
.010	4.000	6	153.65	3.315	509.33	8.231	2.995	5.236	5.560	.809
.010	4.000	7	153.65	3.315	509.33	8.231	2.995	5.236	5.560	.809
.010	4.000	8	153.65	3.315	509.33	8.231	2.995	5.236	5.560	.809
.010	4.000	9	157.97	3.312	523.19	8.082	2.943	5.139	5.465	.799
.000	.010	1	157.97	3.312	523.19	8.082	2.943	5.139	5.465	.799

.000	.010	5	170.93	3.288	562.07	7.523	2.739	4.783	5.087	.744
.000	.010	6	170.93	3.288	562.07	7.523	2.739	4.783	5.087	.744
.000	.010	7	170.93	3.288	562.07	7.523	2.739	4.783	5.087	.744
.000	.010	8	170.93	3.288	562.07	7.523	2.739	4.783	5.087	.744
.000	.010	9	170.93	3.288	<u>562.07</u>	7.523	2.739	4.783	5.087	.744
.000	9999.000	10	11078.36	2.709	30012.15	.141	.051	.090	.095	.014
.000	9999.000	11	11193.22	2.703	30253.22	.140	.051	.089	.095	.014
.000	9999.000	12	11193.22	2.703	30253.22	.140	.051	.089	.095	.014
.000	9999.000	****	11193.22	2.703	30253.22	.140	.051	.089	.095	.014

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TOTAL			11193.22	2.703	30253.22	.140	.051	.089	.095	.014
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 84W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 825 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 84W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	5.94	3.240	19.24	7.209	2.628	4.581	4.666	.960	
5.000	100.000	2	75.08	3.222	241.94	9.753	3.676	6.077	6.301	.723	
5.000	100.000	4	17.98	3.151	56.65	9.387	3.378	6.009	5.956	.589	
5.000	100.000	5	7.80	3.725	29.06	8.886	3.265	5.622	5.090	.577	
5.000	100.000	6	22.80	3.646	83.12	13.867	4.929	8.939	8.374	.722	
5.000	100.000	7	2.16	4.215	9.10	15.341	5.271	10.070	10.450	1.236	
4.000	5.000	1	.54	3.142	1.70	4.619	1.709	2.910	3.300	.953	
4.000	5.000	2	2.16	2.798	6.04	4.770	1.455	3.315	2.998	.246	
.000	.010	2	.54	2.850	1.54	.000	.000	.000	.000	.000	
.000	9999.000	10	11487.56	2.700	31016.42	.000	.000	.000	.000	.000	
.000	9999.000	11	82.70	2.099	173.60	.000	.000	.000	.000	.000	
TOTAL			11705.27	2.703	31638.42	.146	.054	.092	.092	.010	

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 84W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 84W

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	5.94		3.240	19.24	7.209	2.628	4.581	4.666	.960
5.000	100.000	2	81.02		3.224	261.19	9.566	3.599	5.967	6.181	.740
5.000	100.000	3	81.02		3.224	261.19	9.566	3.599	5.967	6.181	.740
5.000	100.000	4	99.00		3.210	317.83	9.534	3.559	5.974	6.141	.713
5.000	100.000	5	106.80		3.248	346.89	9.479	3.535	5.945	6.053	.702
5.000	100.000	6	129.60		3.318	430.01	10.328	3.804	6.524	6.501	.706
5.000	100.000	7	131.76		3.333	439.12	10.432	3.835	6.597	6.583	.717
5.000	100.000	8	131.76		3.333	439.12	10.432	3.835	6.597	6.583	.717
5.000	100.000	9	131.76		3.333	439.12	10.432	3.835	6.597	6.583	.717
4.000	5.000	1	132.30		3.332	440.81	10.409	3.826	6.583	6.571	.718
4.000	5.000	2	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	3	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	4	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	5	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	6	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	7	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	8	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
4.000	5.000	9	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	1	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	2	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	3	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	4	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	5	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	6	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	7	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	8	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711
.010	4.000	9	134.46		3.323	446.86	10.333	3.794	6.539	6.522	.711

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.000	.010	5	135.00	3.321	448.40	10.297	3.781	6.516	6.500	.709
.000	.010	6	135.00	3.321	448.40	10.297	3.781	6.516	6.500	.709
.000	.010	7	135.00	3.321	448.40	10.297	3.781	6.516	6.500	.709
.000	.010	8	135.00	3.321	448.40	10.297	3.781	6.516	6.500	.709
.000	.010	9	135.00	3.321	448.40	10.297	3.781	6.516	6.500	.709
.000	9999.000	10	11622.56	2.707	31464.82	.147	.054	.093	.093	.010
.000	9999.000	11	11705.27	2.703	31638.42	.146	.054	.092	.092	.010
.000	9999.000	12	11705.27	2.703	31638.42	.146	.054	.092	.092	.010
.000	9999.000	****	11705.27	2.703	31638.42	.146	.054	.092	.092	.010

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TOTAL			11705.27	2.703	31638.42	.146	.054	.092	.092	.010
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 86W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 86W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]		[bcm	x1000]			[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	17.28		3.081	53.23	8.106	3.169	4.937	5.243	.222
5.000	100.000	2	266.66		3.109	828.94	7.386	2.289	5.097	4.463	.318
5.000	100.000	4	48.66		3.125	152.06	8.665	3.361	5.304	5.722	.769
5.000	100.000	6	9.18		4.472	41.05	19.348	7.048	12.300	12.903	1.517
5.000	100.000	7	.54		4.199	2.27	15.339	5.211	10.128	10.400	1.226
4.000	5.000	1	5.94		3.043	18.08	4.295	1.340	2.954	2.331	.000
.010	4.000	1	16.38		3.050	49.96	3.591	1.050	2.541	1.921	.068
.000	.010	1	22.14		2.996	66.34	.000	.000	.000	.000	.000
.000	.010	2	3.78		2.914	11.02	.000	.000	.000	.000	.000
.000	.010	3	10.72		2.850	30.54	.000	.000	.000	.000	.000
.000	.010	4	82.62		2.996	247.54	.000	.000	.000	.000	.000
.000	.010	6	1.62		3.000	4.86	.000	.000	.000	.000	.000
.000	.010	7	2.16		3.000	6.48	.000	.000	.000	.000	.000
.000	.010	9	10.26		2.992	30.70	.000	.000	.000	.000	.000
.000	9999.000	10	12385.30		2.700	33440.30	.000	.000	.000	.000	.000
.000	9999.000	11	123.53		2.099	259.29	.000	.000	.000	.000	.000
TOTAL			13006.76		2.710	35242.64	.254	.084	.170	.157	.013

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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 86W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 86W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
5.000	100.000	1	17.28	3.081	53.23	8.106	3.169	4.937	5.243	.222
5.000	100.000	2	283.94	3.107	882.17	7.429	2.342	5.087	4.510	.313
5.000	100.000	3	283.94	3.107	882.17	7.429	2.342	5.087	4.510	.313
5.000	100.000	4	332.60	3.110	1034.23	7.611	2.492	5.119	4.688	.380
5.000	100.000	5	332.60	3.110	1034.23	7.611	2.492	5.119	4.688	.380
5.000	100.000	6	341.78	3.146	1075.28	8.059	2.666	5.393	5.002	.423
5.000	100.000	7	342.32	3.148	1077.55	8.074	2.671	5.403	5.013	.425
5.000	100.000	8	342.32	3.148	1077.55	8.074	2.671	5.403	5.013	.425
5.000	100.000	9	342.32	3.148	1077.55	8.074	2.671	5.403	5.013	.425
4.000	5.000	1	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	2	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	3	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	4	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	5	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	6	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	7	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	8	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
4.000	5.000	9	348.26	3.146	1095.63	8.012	2.649	5.363	4.969	.418
.010	4.000	1	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	2	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	3	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	4	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	5	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	6	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	7	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	8	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.010	4.000	9	364.64	3.142	1145.59	7.819	2.579	5.240	4.836	.402
.000	.010	1	386.78	3.133	1211.93	7.391	2.438	4.953	4.571	.380
.000	.010	2	390.56	3.131	1222.94	7.325	2.416	4.908	4.530	.377

.000	.010	5	483.90	3.102	1501.02	5.968	1.969	3.999	3.691	.307
.000	.010	6	485.52	3.102	1505.88	5.948	1.962	3.986	3.679	.306
.000	.010	7	487.68	3.101	1512.36	5.923	1.954	3.969	3.663	.305
.000	.010	8	487.68	3.101	1512.36	5.923	1.954	3.969	3.663	.305
.000	.010	9	497.94	3.099	<u>1543.06</u>	5.805	1.915	3.890	3.590	.299
.000	9999.000	10	12883.24	2.715	34983.36	.256	.084	.172	.158	.013
.000	9999.000	11	13006.76	2.710	35242.64	.254	.084	.170	.157	.013
.000	9999.000	12	13006.76	2.710	35242.64	.254	.084	.170	.157	.013
.000	9999.000	****	13006.76	2.710	35242.64	.254	.084	.170	.157	.013

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TOTAL			13006.76	2.710	35242.64	.254	.084	.170	.157	.013
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 88W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 88W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	14335.03	2.700	38704.59	.000	.000	.000	.000	.000
.000	9999.000	11	132.29	2.099	277.67	.000	.000	.000	.000	.000
TOTAL			14467.32	2.695	38982.26	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 88W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 88W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TUNNAGE [ TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	14335.03	2.700	38704.59	.000	.000	.000	.000	.000
.000	9999.000	11	14467.32	2.695	38982.26	.000	.000	.000	.000	.000
.000	9999.000	12	14467.32	2.695	38982.26	.000	.000	.000	.000	.000
.000	9999.000	****	14467.32	2.695	38982.26	.000	.000	.000	.000	.000
TOTAL			14467.32	2.695	38982.26	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 90W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 90W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	10	20037.83	2.700	54102.14	.000	.000	.000	.000	.000
.000	9999.000	11	160.38	2.099	336.64	.000	.000	.000	.000	.000
TOTAL			20198.21	2.695	54438.77	.000	.000	.000	.000	.000

C:\MINE\DATA\90W

C:\MINE\AU\G1\DATA

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 90W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 90W

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 [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	20037.83	2.700	54102.14	.000	.000	.000	.000	.000
.000	9999.000	11	20198.21	2.695	54438.77	.000	.000	.000	.000	.000
.000	9999.000	12	20198.21	2.695	54438.77	.000	.000	.000	.000	.000
.000	9999.000	****	20198.21	2.695	54438.77	.000	.000	.000	.000	.000
TOTAL			20198.21	2.695	54438.77	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 92W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 92W

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	17871.37	2.700	48252.70	.000	.000	.000	.000	.000
.000	9999.000	11	181.50	2.099	380.97	.000	.000	.000	.000	.000
TOTAL			18052.87	2.694	48633.67	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Reserves at Section 92W - Surface #25 to Model bottom

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

SURFACE GRID RECORD : 25 G25 - I.V. Final Pit ( stage 3 )  
 RESERVE INSIDE POLYGON RECORD : \*\*\* SECTION 92W

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn%]	TO [Pb+Zn%]					[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]
.000	9999.000	10	17871.37	2.700	48252.70	.000	.000	.000	.000	.000
.000	9999.000	11	18052.87	2.694	48633.67	.000	.000	.000	.000	.000
.000	9999.000	12	18052.87	2.694	48633.67	.000	.000	.000	.000	.000
.000	9999.000	****	18052.87	2.694	48633.67	.000	.000	.000	.000	.000
TOTAL			18052.87	2.694	48633.67	.000	.000	.000	.000	.000

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1 2 3 4 5 6 7 8 9 10 11 12

10/20/89

PC-MINE VERSION 1.10  
 SERIAL NO : 20320  
 9/ 1/1989

CURRAGH RESOURCES  
 GRUN DEPOSIT - 68705 MODEL

SOFTWARE BY GENCOM SERVICES INC  
 MODULE 4.11  
 PAGE 1

MINING RESERVE EVALUATION

DESCRIPTION : Mining Reserves - Champ Zone - 51W to 61W

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

TOP SURFACE GRID RECORD : 1 61 - Grun 1979 Orthophoto Surface Topography (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 34 634 - I.V. CHAMP Pimple (stage 2)

INCREMENTAL RESULTS

CUT-OFF GRADES FROM (Pb+Zn%)	TO (Pb+Zn%)	ROCK-TYPE CODE	VOLUME (bcm x1000)	DENSITY (t/bcm)	TONNAGE ( TONS x1000)	AVERAGE GRADES					ECONOMIC FACTOR (Cdn \$ x1000)
						[Pb+Zn%]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]	
5.000	100.000	1	3.78	3.431	12.97	5.657	2.093	3.564	277.472	.000	127.50
5.000	100.000	4	9.41	3.496	32.89	10.038	3.569	6.469	62.961	1.439	1047.96
5.000	100.000	5	116.47	3.945	459.46	9.162	4.284	4.879	500.145	.056	10495.99
5.000	100.000	6	61.68	3.783	233.36	11.805	4.223	7.582	422.867	.827	9543.37
5.000	100.000	7	30.46	3.962	120.66	11.552	4.857	6.695	465.959	.809	4476.30
4.000	5.000	1	1.08	3.328	3.59	4.626	1.653	2.973	244.505	.410	29.29
4.000	5.000	5	8.98	3.692	33.14	4.408	2.301	2.107	299.104	.521	198.61
.010	4.000	1	58.20	3.167	184.30	1.713	.639	1.074	159.819	.589	-179.23
.010	4.000	3	6.18	3.272	20.22	2.065	1.143	.923	238.247	.000	-73.02
.010	4.000	4	3.66	3.479	12.73	3.136	1.852	1.284	33.000	.841	.75
.010	4.000	5	24.24	3.444	83.49	3.213	1.660	1.553	282.982	.427	189.00
.000	.010	1	29.70	3.000	89.10	.000	.000	.000	.000	.000	-165.18
.000	.010	3	.54	3.000	1.62	.000	.000	.000	.000	.000	-3.07
.000	.010	5	6.85	3.000	20.56	.000	.000	.000	.000	.000	-37.82
.000	.010	7	2.16	3.000	6.48	.000	.000	.000	.000	.000	-12.42
.000	9999.000	9	5.04	3.201	16.13	3.246	1.428	1.818	37.186	.330	31.24
.000	9999.000	10	1766.68	2.700	5310.04	.000	.000	.000	.000	.000	-5786.66
.000	9999.000	11	3055.76	2.099	6414.03	.002	.001	.001	.093	.000	-6822.47
TOTAL			5399.87	2.422	13054.78	.739	.314	.426	35.288	.042	13060.15

MINING RESERVE EVALUATION

DESCRIPTION : Mining Reserves - Champ Zone - 51W to 61W

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

TOP SURFACE GRID RECORD : 1 G1 - Grub 1979 Orthophoto Surface Topography (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 34 G34 - I.V. CHAMP Pimple (stage 2)

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	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]
5.000	100.000	1	3.78	3.431	12.97	5.657	2.093	3.564	277.472	.000	127.50
5.000	100.000	2	3.78	3.431	12.97	5.657	2.093	3.564	277.472	.000	127.50
5.000	100.000	3	3.78	3.431	12.97	5.657	2.093	3.564	277.472	.000	127.50
5.000	100.000	4	13.19	3.477	45.86	8.799	3.152	5.647	123.633	1.032	1175.46
5.000	100.000	5	129.66	3.897	505.32	9.129	4.181	4.940	465.977	.145	11671.45
5.000	100.000	6	191.34	3.861	738.68	9.975	4.194	5.780	452.358	.360	21214.82
5.000	100.000	7	221.80	3.874	859.34	10.196	4.287	5.909	454.268	.423	25691.12
5.000	100.000	8	221.80	3.874	859.34	10.196	4.287	5.909	454.268	.423	25691.12
4.000	5.000	1	222.88	3.872	862.94	10.173	4.276	5.896	453.394	.423	25720.41
4.000	5.000	2	222.88	3.872	862.94	10.173	4.276	5.896	453.394	.423	25720.41
4.000	5.000	3	222.88	3.872	862.94	10.173	4.276	5.896	453.394	.423	25720.41
4.000	5.000	4	222.88	3.872	862.94	10.173	4.276	5.896	453.394	.423	25720.41
4.000	5.000	5	231.85	3.865	896.08	9.960	4.203	5.756	447.687	.427	25919.02
4.000	5.000	6	231.85	3.865	896.08	9.960	4.203	5.756	447.687	.427	25919.02
4.000	5.000	7	231.85	3.865	896.08	9.960	4.203	5.756	447.687	.427	25919.02
4.000	5.000	8	231.85	3.865	896.08	9.960	4.203	5.756	447.687	.427	25919.02
.010	4.000	1	290.05	3.725	1080.38	8.553	3.595	4.958	398.581	.454	25739.80
.010	4.000	2	290.05	3.725	1080.38	8.553	3.595	4.958	398.581	.454	25739.80
.010	4.000	3	296.23	3.715	1100.60	8.434	3.550	4.883	395.635	.446	25666.78
.010	4.000	4	299.89	3.712	1113.33	8.373	3.531	4.842	391.488	.451	25667.53
.010	4.000	5	324.13	3.692	1196.82	8.013	3.400	4.613	383.918	.449	25856.52
.010	4.000	6	324.13	3.692	1196.82	8.013	3.400	4.613	383.918	.449	25856.52
.010	4.000	7	324.13	3.692	1196.82	8.013	3.400	4.613	383.918	.449	25856.52
.010	4.000	8	324.13	3.692	1196.82	8.013	3.400	4.613	383.918	.449	25856.52
.000	.010	1	353.83	3.634	1285.92	7.458	3.165	4.293	357.317	.418	25691.34
.000	.010	2	353.83	3.634	1285.92	7.458	3.165	4.293	357.317	.418	25691.34
.000	.010	3	354.37	3.633	1287.54	7.448	3.161	4.288	356.867	.417	25688.27
.000	.010	4	354.37	3.633	1287.54	7.448	3.161	4.288	356.867	.417	25688.27
.000	.010	5	361.22	3.621	1308.10	7.331	3.111	4.220	351.259	.411	25650.46

.000	9999.000	7	588.42	3.814	1305.78	7.248	3.070	7.171	345.774	.490	23087.27
.000	9999.000	10	2335.10	2.844	6640.75	1.452	.616	.838	69.282	.082	19882.62
.000	9999.000	11	5390.87	2.422	13054.78	.739	.314	.426	35.288	.042	13060.15
.000	9999.000	12	5390.87	2.422	13054.78	.739	.314	.426	35.288	.042	13060.15
.000	9999.000	****	5390.87	2.422	13054.78	.739	.314	.426	35.288	.042	13060.15

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TOTAL			5390.87	2.422	13054.78	.739	.314	.426	35.288	.042	13060.15
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TOTAL

72130.40

2.850

177317.90

1.047

.371

.030

0.520

.110

330320.00



MINING RESERVE EVALUATION

DESCRIPTION : Mining Reserves - Main Zone - 61W to 87W

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

TOP SURFACE GRID RECORD : 1 61 - Grun 1979 Orthophoto Surface Topography (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 25 625 - I.V. Final Pit ( stage 3 )

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%] TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [Cdn \$ x1000]	
					[Pb+Zn%]	[Pb %]	[Zn %]	[Ag g/t]		[Au g/t]
5.000 100.000	1	859.21	3.113	2675.00	6.870	2.442	4.429	41.859	.894	42745.86
5.000 100.000	2	2955.84	3.094	9144.54	7.579	2.720	4.860	46.143	.857	168230.40
5.000 100.000	3	3007.06	3.096	9308.69	7.565	2.714	4.851	46.066	.851	170495.50
5.000 100.000	4	3755.10	3.124	11730.59	8.160	2.927	5.233	49.324	.862	244274.80
5.000 100.000	5	4074.85	3.168	12908.67	8.314	3.004	5.310	50.439	.877	277008.40
5.000 100.000	6	4898.56	3.313	16226.67	9.614	3.515	6.099	58.981	.965	440512.10
5.000 100.000	7	5446.33	3.390	18460.88	9.936	3.700	6.235	62.059	.971	520359.60
5.000 100.000	8	5454.96	3.390	18493.36	9.945	3.703	6.242	62.137	.971	522100.80
4.000 5.000	1	6026.41	3.356	20224.34	9.478	3.527	5.950	59.405	.951	532320.80
4.000 5.000	2	6052.62	3.354	20302.54	9.460	3.521	5.939	59.294	.950	532856.80
4.000 5.000	3	6197.83	3.346	20737.70	9.354	3.480	5.874	58.642	.942	535001.80
4.000 5.000	4	6207.58	3.345	20766.44	9.347	3.478	5.870	58.605	.941	535160.90
4.000 5.000	5	6243.56	3.348	20901.93	9.316	3.467	5.850	58.464	.942	536269.20
4.000 5.000	6	6243.56	3.348	20901.93	9.316	3.467	5.850	58.464	.942	536269.20
4.000 5.000	7	6243.56	3.348	20901.93	9.316	3.467	5.850	58.464	.942	536269.20
4.000 5.000	8	6243.56	3.348	20901.93	9.316	3.467	5.850	58.464	.942	536269.20
.010 4.000	1	6752.12	3.320	22416.91	8.913	3.319	5.594	56.130	.926	538695.60
.010 4.000	2	6752.66	3.320	22418.60	8.913	3.319	5.594	56.129	.926	538703.60
.010 4.000	3	6924.28	3.319	22978.79	8.769	3.266	5.503	55.324	.920	539025.00
.010 4.000	4	6938.76	3.318	23025.60	8.758	3.263	5.495	55.273	.919	539044.80
.010 4.000	5	6948.22	3.319	23062.64	8.749	3.260	5.490	55.230	.918	538986.00
.010 4.000	6	6948.76	3.319	23064.24	8.749	3.259	5.489	55.228	.918	538986.10
.010 4.000	7	6948.76	3.319	23064.24	8.749	3.259	5.489	55.228	.918	538986.10
.010 4.000	8	6948.76	3.319	23064.24	8.749	3.259	5.489	55.228	.918	538986.10
.000 .010	1	6951.46	3.319	23071.94	8.746	3.258	5.487	55.209	.918	538971.20
.000 .010	2	6963.89	3.318	23107.37	8.732	3.253	5.479	55.125	.916	538895.80
.000 .010	3	6969.90	3.318	23124.91	8.726	3.251	5.475	55.083	.916	538859.30
.000 .010	4	6994.20	3.316	23194.16	8.700	3.241	5.459	54.919	.913	538715.20
.000 .010	5	7011.01	3.315	23242.16	8.682	3.235	5.447	54.805	.911	538616.10

.000	9999.000	9	7338.87	3.287	29773.26	8.430	3.193	3.287	33.217	.688	347026.20
.000	9999.000	10	61867.11	2.772	171479.40	1.219	.454	.764	7.695	.128	387707.30
.000	9999.000	11	75130.45	2.653	199319.40	1.049	.391	.658	6.620	.110	358326.00
.000	9999.000	12	75130.45	2.653	199319.40	1.049	.391	.658	6.620	.110	358326.00
.000	9999.000	FFFF	75130.45	2.653	199319.40	1.049	.391	.658	6.620	.110	358326.00

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TOTAL			75130.45	2.653	199319.40	1.049	.391	.658	6.620	.110	358326.00
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MINING RESERVE EVALUATION

DESCRIPTION : Phase 1 Reserves

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

TOP SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 36 G36 - I.V. Final Pit ( stage 1, alternate ) ← USED IN CURRENT MINE PLAN - MAY 89

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	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				ECONOMIC FACTOR [Cdn \$ x1000]	
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t] [Au g/t]		
5.000	50.000	1	337.46	3.070	1036.17	6.898	2.402	4.496	.398	.801	16363.14
5.000	50.000	2	648.00	3.116	2019.35	7.840	2.800	5.040	.471	.854	39377.43
5.000	50.000	3	10.86	3.048	33.10	5.526	1.837	3.688	.331	.692	340.62
5.000	50.000	4	234.12	3.303	773.19	11.809	4.261	7.548	.689	.928	27928.62
5.000	50.000	5	105.77	3.664	387.49	10.859	4.311	6.548	.673	1.062	12173.26
5.000	50.000	6	182.46	3.952	721.03	15.990	6.100	9.890	1.009	1.157	38656.14
5.000	50.000	7	196.54	3.960	778.35	11.483	5.019	6.465	.790	.854	23787.35
5.000	50.000	9	124.51	3.054	380.30	7.304	2.601	4.702	.445	.656	6200.70
4.000	5.000	1	128.03	3.006	384.79	4.525	1.503	3.022	.291	.700	2548.21
4.000	5.000	2	.54	3.060	1.65	4.784	1.581	3.203	.240	1.870	22.88
4.000	5.000	3	79.12	2.977	235.57	4.364	1.388	2.976	.271	.542	1276.99
4.000	5.000	4	4.56	2.998	13.67	4.773	1.807	2.966	.313	.434	71.08
4.000	5.000	5	11.21	3.558	39.88	4.507	1.553	2.954	.337	.754	276.49
4.000	5.000	9	56.16	2.934	164.77	4.408	1.422	2.986	.268	.471	829.94
.010	4.000	1	156.44	3.009	470.80	3.158	1.033	2.125	.221	.637	669.62
.010	4.000	2	.54	3.129	1.69	3.848	1.379	2.469	.330	.846	7.91
.010	4.000	3	32.95	3.363	110.83	3.198	1.379	1.819	.268	.762	148.70
.010	4.000	4	10.54	3.381	35.62	3.189	1.778	1.411	.320	.756	.92
.010	4.000	9	8.10	2.899	23.48	3.800	1.178	2.622	.239	.469	69.12
.000	.010	1	2.78	2.771	7.72	.000	.005	.009	.001	.002	-11.72
.000	.010	2	5.59	2.258	12.62	.000	.016	.024	.003	.007	40.09
.000	.010	3	.54	.064	.03	.000	.628	1.631	.220	.878	.60
.000	.010	4	13.50	2.412	32.56	.000	.023	.039	.004	.004	38.44
.000	.010	5	3.65	2.814	10.27	.000	.003	.004	.000	.001	-16.02
.000	.010	6	11.34	2.850	32.32	.000	.000	.000	.000	.000	-64.65
.000	.010	7	16.74	2.403	40.23	.000	.023	.029	.003	.004	132.73
.000	.010	9	13.85	2.850	39.47	.000	.000	.000	.000	.000	-76.63
.000	9999.000	10	14985.19	2.696	40403.91	.000	.000	.000	.000	.000	-43889.44
.000	9999.000	11	12502.14	2.099	26242.18	.000	.000	.000	.000	.000	-27650.34

MINING RESERVE EVALUATION

DESCRIPTION : Phase 1 Reserves

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m ]  
 BOTTOM ELEVATION : 998.50 [m ]

TOP SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 36 G36 - I.V. Final Pit ( stage 1, alternate )

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	TO [Pb+Zn%]	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				ECONOMIC FACTOR [Cdn \$ x1000]	
						[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t] [Au g/t]		
5.000	50.000	1	337.46	3.070	1036.17	6.898	2.402	4.496	.398	.801	16363.14
5.000	50.000	2	985.46	3.101	3055.52	7.520	2.665	4.855	.446	.836	55740.57
5.000	50.000	3	996.32	3.100	3088.62	7.499	2.656	4.843	.445	.835	56081.19
5.000	50.000	4	1230.44	3.139	3861.81	8.362	2.977	5.384	.494	.853	84009.80
5.000	50.000	5	1336.21	3.180	4249.30	8.590	3.099	5.491	.510	.872	96183.07
5.000	50.000	6	1518.67	3.273	4970.33	9.663	3.534	6.129	.583	.914	134839.20
5.000	50.000	7	1715.21	3.352	5748.69	9.910	3.735	6.174	.611	.906	158626.60
5.000	50.000	8	1715.21	3.352	5748.69	9.910	3.735	6.174	.611	.906	158626.60
5.000	50.000	9	1839.72	3.331	6128.99	9.748	3.665	6.083	.600	.890	164827.30
4.000	5.000	1	1967.75	3.310	6513.78	9.439	3.537	5.902	.582	.879	167375.50
4.000	5.000	2	1968.29	3.310	6515.43	9.438	3.537	5.901	.582	.879	167398.40
4.000	5.000	3	2047.40	3.297	6751.00	9.261	3.462	5.799	.571	.867	168675.30
4.000	5.000	4	2051.96	3.297	6764.67	9.252	3.458	5.794	.571	.867	168746.40
4.000	5.000	5	2063.17	3.298	6804.55	9.224	3.447	5.777	.569	.866	169022.90
4.000	5.000	6	2063.17	3.298	6804.55	9.224	3.447	5.777	.569	.866	169022.90
4.000	5.000	7	2063.17	3.298	6804.55	9.224	3.447	5.777	.569	.866	169022.90
4.000	5.000	8	2063.17	3.298	6804.55	9.224	3.447	5.777	.569	.866	169022.90
4.000	5.000	9	2119.33	3.288	6969.32	9.110	3.399	5.711	.562	.857	169852.80
.010	4.000	1	2275.78	3.269	7440.13	8.734	3.250	5.484	.541	.843	170522.50
.010	4.000	2	2276.32	3.269	7441.82	8.733	3.249	5.483	.541	.843	170530.40
.010	4.000	3	2309.27	3.271	7552.65	8.651	3.222	5.430	.537	.842	170679.10
.010	4.000	4	2319.80	3.271	7588.27	8.626	3.215	5.411	.536	.841	170680.00
.010	4.000	5	2319.80	3.271	7588.27	8.626	3.215	5.411	.536	.841	170680.00
.010	4.000	6	2319.80	3.271	7588.27	8.626	3.215	5.411	.536	.841	170680.00
.010	4.000	7	2319.80	3.271	7588.27	8.626	3.215	5.411	.536	.841	170680.00
.010	4.000	8	2319.80	3.271	7588.27	8.626	3.215	5.411	.536	.841	170680.00
.010	4.000	9	2327.90	3.270	7611.75	8.611	3.209	5.402	.535	.840	170749.10
.000	.010	1	2330.69	3.269	7619.46	8.602	3.206	5.397	.534	.839	170737.40
.000	.010	2	2336.28	3.267	7632.09	8.588	3.200	5.388	.533	.838	170777.50
.000	.010	3	2334.89	3.266	7632.12	8.588	3.200	5.388	.533	.838	170777.50

.000	.010	7	2382.05	3.252	7747.50	8.460	3.153	5.308	.525	.825	170868.60
.000	.010	8	2382.05	3.252	7747.50	8.460	3.153	5.308	.525	.825	170868.60
.000	.010	9	2395.90	3.250	7786.97	8.417	3.137	5.281	.523	.821	170792.00
.000	9999.000	10	17381.09	2.773	48190.88	1.360	.507	.853	.084	.133	126902.50
.000	9999.000	11	29883.23	2.491	74433.06	.881	.328	.552	.055	.086	99252.18
.000	9999.000	12	29883.23	2.491	74433.06	.881	.328	.552	.055	.086	99252.18
.000	9999.000	***	29883.23	2.491	74433.06	.881	.328	.552	.055	.086	99252.18

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TOTAL			29883.23	2.491	74433.06	.881	.328	.552	.055	.086	99252.18
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Output