

ORE RESERVES CALCULATION SHEET

Zone 1 Bench 3990 40 Feet

D.D.H	Rdr 1	Rdr 2	Ave.	Tonnage	Pb	Pb/Tons	Zn	Zn/Tons	REMARKS
70-5	0.152	0.307	0.153	108,100	2.3		4.4		
70-16	0.048	0.092	0.046	32,500	3.8		7.6		
70-2	0.017	0.036	0.018	12,700	3.3		6.8		
70-4	0.068	0.144	0.072	50,900	3.1		5.9		
66-24	0.051	0.104	0.052	36,700	2.7		5.4		
66-44	0.419	0.840	0.720	206,800	5.7		6.8		
* 65-1				196,000	5.7		6.8		
66-20				146,600	6.5		7.9		
66-41				107,000	2.3		5.6		
70-8				79,300	2.9		7.7		
66-39				74,800	2.8		6.6		
65-14				9,300					
66-8				44,900					
+ 66-18	0.064	0.133	0.066	24,500	3.3		6.9		
TOTALS:				1,165,900					
WEIGHTED AVERAGES:						% Pb		% Zn	
COMBINED:						% Pb+Zn			

* no useful data available, used 66-44. + 21' intersection.

ORE RESERVES CALCULATION SHEET

Zone 1 Bench 3950 40 Feet

D.D.H	Rdr 1	Rdr 2	Ave.	Tonnage	Pb	Pb/Tons	Zn	Zn/Tons	REMARKS
66-25	0.063	0.083	0.041	29,800	3.5		4.9		revised contacts
66-44	0.121	0.239	0.119	84,100	3.8		5.1		"
66-32	0.195	0.394	0.197	139,200	4.1		5.8		"
66-24	0.118	0.237	0.118	83,400	2.5		6.1		"
1 66-9	0.092	0.191	0.091	35,400	2.8		5.9		"
66-18	0.179	0.368	0.184	32,500	3.2		6.1		" 10' inter.
66-20				233,800	6.3		8.2		
66-16				270,900	5.9		8.2		
65-11				141,300	4.7		5.6		
66-15				172,800	4.0		7.1		
70-5				94,200	4.5		6.5		
70-1				139,200	2.9		6.8		
70-16				94,200	3.1		6.8		
65-4				110,000	1.9		5.8		
70-2				117,800	3.3		6.6		
* 70-3	0.176	0.346	0.173	116,100	2.0		8.2		
70-4				129,400	3.6		6.7		
2 66-14	0.133	0.265	0.132	83,900	4.3		5.9		36' intersection.
66-39	0.142	0.281	0.140	69,200	3.4		9.5		28' intersection.
70-9				82,700	3.3		5.7		
70-11				62,500	2.0		6.8		
+ 65-7	0.048	0.090	0.045	22,300	1.8		4.0		
66-12									

TOTALS: 2,343,900

WEIGHTED AVERAGES:

COMBINED: %Pb+Zn

% Pb

% Zn

* 38' intersection. + 28' intersection. 1. 22' intersection. 2.

ORE RESERVES CALCULATION SHEET

Zone 1 Bench 3910 40 Feet

D.D.H	Rdc 1	Rdc 2	Avg.	Tonnage	Pb	Pb/Tons	Zn	Zn/Tons	REMARKS
70-7	0.089	0.178	0.089	48,700	6.3		8.2		31' intersection
66-44	0.226	0.464	0.232	139,300	7.3		8.6		34' intersection
66-12				218,500	6.8		9.7		
* 70-14	0.125	0.246	0.123	86,900	6.3		7.2		
* 70-15	0.070	0.147	0.073	51,600	5.5		6.5		6' average 70-14/65-SA
66-16				188,400	7.0		8.9		
70-6				94,200	5.2		7.3		
65-11				141,300	6.4		5.2		
66-15				188,400	4.4		6.8		
* 65-SA	0.295	0.594	0.297	183,600	4.8		5.8		35' intersection
66-22				112,600	4.0		7.8		
70-5				94,200	3.0		7.8		
70-16				94,200	2.4		5.5		
70-2				94,200	2.0		4.0		
70-4				94,200	3.4		6.3		
70-9				99,500	4.2		6.0		
66-14									see 70-1
70-1	0.257	0.519	0.259	183,000	3.0		5.7		
65-4				107,700	5.3		8.8		
70-3				101,400	3.7		6.8		
66-14	0.155	0.304	0.152	107,400	3.4		7.4		
70-1									no ^{significant} ore (15')
* 65-7	0.208	0.407	0.203	132,700	2.6		7.2		37' intersection
* 66-35	0.185	0.373	0.186	115,000	4.1		8.4		35' intersection
66-9	0.116	0.226	0.113	73,900	3.6		8.7		37' intersection
67-34									not to be mined.
66-35									see 66-44.

TOTALS: 2,750,900

WEIGHTED AVERAGES:

COMBINED: %Pb+Zn

% Pb

% Zn

ORE RESERVES CALCULATION SHEET

Zone 1 Bench 3870 40 Feet

D.D.H	Rdg 1	Rdg 2	Ave.	Tonnage	Pb	Pb/Tons	Zn	Zn/Tons	REMARKS
66-25									No ore evident
66-44	0.150	0.300	0.150	106,000	8.0		10.7		
65-11				235,700	6.7		7.4		
66-32	0.136	0.273	0.136	96,100	3.6		3.9		
66-12				188,600	3.1		5.5		
70-6				137,400	4.8		7.9		
66-15				188,400	5.5		6.4		
70-5				94,200	3.2		6.6		
70-1				124,900	2.9		6.6		
70-16				82,400	2.9		7.3		35' intersection
65-4				105,500	3.7		6.2		
66-23				88,900	5.6		9.1		
70-7				60,000	5.0		8.2		Grade: ave 70-6/70-14
70-2				47,100	3.0		4.5		(20' intersection)
70-3				126,400	4.6		9.1		
70-14				106,500	5.2		8.6		
65-5A				235,600	6.0		6.7		
70-4				94,200	2.2		4.2		
66-14				120,800	2.6		3.7		
70-5				120,500	4.8		7.6		66-8/66-23 ave
70-9				94,200	2.5		5.1		
* 70-11	0.162	0.326	0.163	100,800	2.3		6.7		35' intersection
66-8	0.210	0.420	0.210	126,100	4.1		6.2		34' intersection
* 66-4	0.230	0.464	0.232	86,100	2.1		4.3		21' intersection
* 66-22	0.261	0.516	0.258	132,200	2.5		2.9		29' intersection
* 65-7	0.268	0.539	0.269	142,600	2.9		6.2		30' intersection

TOTALS: 3,041,200

WEIGHTED AVERAGES:

% Pb

% Zn

COMBINED: % Pb+Zn

ORE RESERVES CALCULATION SHEET

Zone 1 Bench 3830 40 Feet

D.D.H	Rdr 1	Rdr 2	Ave.	Tonnage	Pb	Pb/Tons	Zn	Zn/Tons	REMARKS
66-44	0.110	0.223	0.111	78,400	5.3		8.7		
66-16									
70-6	0.169	0.340	0.170	120,100	4.0		6.2		
70-7									
66-23	0.342	0.680	0.340	240,300	6.4		6.8		
65-11	0.102	0.205	0.102	72,100	7.3		8.9		
66-15				188,400	4.0		5.4		
70-14	0.203	0.411	0.205	144,900	4.9		7.9		
70-15				118,500	5.2		6.7		W/O RANGE 65-5A, 70-14, 66-8
65-5A				235,600	4.9		5.6		
66-8	0.512	1.012	0.506	357,600	5.5		7.0		40' intersection
66-35	0.187	0.368	0.184	130,000	1.9		6.5		
70-5				94,200	4.3		5.9		
70-16				94,200	6.8		12.4		
70-2				94,200	1.8		3.6		
70-4									
70-9	0.134	0.268	0.134	47,300	2.3		6.6		NO ore of significance 20' intersection.
70-1				61,700	3.0		6.9		
65-4				86,400	4.0		6.1		
70-3				90,600	3.2		7.9		
66-14				128,300	6.4		10.8		
70-11			0.134	71,000	3.0		5.1		30' intersection.
66-9				83,800	2.7		5.7		
66-4				212,000	2.3		4.6		
66-32	0.039	0.079	0.039	18,600	3.3		5.7		27' intersection.
66-22	0.570	1.148	0.574	405,600	3.5		5.4		
65-7	0.249	0.510	0.255	135,100	2.6		7.4		30' intersection
UG19	0.090	0.180	0.090	63,600	4.1		8.3		
UG21	0.050	0.105	0.052	36,700	5.2		8.3		

TOTALS: 3,409,200

WEIGHTED AVERAGES:

% Pb

% Zn

COMBINED:

% Pb+Zn