

BLOCK	HOLE	INTER-SECTION	WIDTH	LENGTH	VOLUME	VOLUME = TONS			ASSAY x TONS			
						8	Ag	Pb	Zn	Ag	Pb	Zn
1	17	9.5	40	100	38,000.0	4,750.0	0.63	2.3	7.5 ✓	4,893.5	10,925.0	35,625.0
2	16	6.4	"	"	38,400.0	4,800.0	2.93	5.76	9.05 ✓	14,064.0	27,648.0	43,440.0
3	15	4.8	120	"	57,600.0	7,200.0	2.93	5.87	5.35 ✓	21,096.0	42,264.0	38,520.0
4	22	5.6	130	"	72,800.0	9,100.0	0.8	1.01	3.02 ✗	7,280.0	9,191.0	27,573.0
5	25	7.0	140	"	98,000.0	12,250.0	3.7	6.36	11.48 ✓	45,325.0	77,910.0	140,630.0
6	14	7.5	150	"	105,000.0	13,125.0	7.21	15.1	11.6 ✓	94,631.25	198,187.5	152,250.0
7	9	4.5	150	"	67,500.0	8,437.5	20.6	32.8	22.3 ✓	173,812.5	276,750.0	188,156.25
3	23	3.8	175	"	66,500.0	8,312.5	4.14	8.0	17.9 ✓	34,413.75	66,500.0	148,793.75
9	24	2.0	100	"	20,000.0	2,500.0	0.62	1.3	10.3 ✗	7,550.0	3,250.0	25,750.0
10	10	1.5	100	"	15,000.0	1,875.0	12.2	17.2	5.4 ✗	22,875.0	32,250.0	10,125.0
11	7	2.5	100	"	25,000.0	3,125.0	21.3	35.2	6.16 ✓	66,562.5	111,000.0	19,250.0
12	6	3.0	70	"	24,500.0	3,062.5	3.9	13.54	7.08 ✓	11,943.75	41,466.25	21,682.0
13	5	5.0	30	"	15,000.0	1,875.0	1.84	6.54	4.78 ✓	3,450.2	12,262.5	8,962.0
14	2	5.0	30	"	15,000.0	1,875.0	7.9	16.34	13.01 ✓	14,812.5	50,637.5	24,393.75
15	3	1.0	50	"	5,000.0	625.0	1.0	2.6	13.37 ✗	625.0	1,625.0	8,356.25
AVERAGE		4.6	TOTAL TONS			82,912.5	TOTAL TONS x GRADE			517,334.94	956,714.75	893,508.0

F.W.

008524

$$\text{Ag} = \frac{517,334.94}{82,912.5} = 6.21$$

$$\text{Pb} = \frac{956,714.75}{82,912.5} = 11.50$$

$$\text{Zn} = \frac{893,508.0}{82,912.5} = 10.10$$

N:4

BLOCK	HOLE	INTER-SECTION	WIDTH	LENTH	VOLUME	$\frac{VOLUME}{8} = TONS$	ASSAY Ag	Pb	Zn	ASSAY x TONS Ag	ASSAY x TONS Pb	ASSAY x TONS Zn
1												
2												
3												
4	22	6.3	130	100	81,900.0	10,237.5	3.81	7.48	8.47	390,112.59	76,576.0	86,711.63
5	25	4.0	140	"	56,000.0	7,000.0	2.1	7.45	6.19	14,700.0	52,150.0	43,330.0
6												
7	9	2.0	150	100	30,000.0	3,750.0	0.7	1.2	16.4	2,625.0	4,500.0	61,500.0
8	23	3.0	175	"	52,500.0	6,562.5	0.7	1.92	2.16	4,593.75	12,600.0	14,175.0
9	24	3.9	100	"	39,000.0	4,875.0	0.46	0.62	10.1	2,242.5	3,022.5	49,237.5
10	10	1.5	100	"	15,000.0	1,875.0	6.6	14.6	4.02	12,375.0	27,375.0	7,537.5
11	7	2.0	100	"	20,000.0	2,500.0	11.8	28.2	3.1	17,700.0	70,500.0	7,750.0
12												
13	5	8.0	30	100	24,000.0	3,000.0	0.7	1.0	7.3	2,100.0	3,000.0	21,900.0
14	2	2.0	30	"	6,000.0	750.0	6.1	10.65	10.34	4,575.0	7,987.5	7,755.0
15	3	3.0	50	"	1,500.0	187.5	4.0	12.22	4.23	750.0	2,291.25	793.13
AVERAGE		3.6				TOTAL TONS 40,737.5				TOTAL TONS x GRADE 451,779.84	260,001.75	300,689.76

H.V

$$Ag = \frac{451,779.84}{40,737.5} = 11.09$$

$$Pb = \frac{260,001.75}{40,737.5} = 6.3 \quad \frac{335550}{40737.5}$$

$$Zn = \frac{300,689.76}{40,737.5} = 7.3 \quad \frac{330601}{40737.5}$$