

PHASE A, FARO DEPOSIT

019955

0% cutoff

Pb	Zn	Ag	Pb + Zn	Tonnes	Tons	Bench
3.76	3.09	57	6.85	39862	43940	3750
3.95	4.05	64	8.00	144455	159233	3730
3.20	4.43	47	7.63	196121	216184	3710
1.94	3.60	24	5.54	317210	349661	3690
1.30	2.44	19	3.74	296216	326519	3670
1.79	3.02	21	4.81	290719	320460	3650
1.77	3.32	20	5.09	358067	394697	3630
2.32	4.51	25	6.83	360183	397030	3610
1.75	3.62	17	5.36	334328	368530	3590
1.15	2.51	12	3.66	368635	406346	3570
2.22	4.12	31	6.33	483289	532729	3550
3.19	5.45	38	8.64	597114	658199	3530
3.52	5.18	45	8.69	684740	754789	3510
3.69	4.93	49	8.62	678658	748085	3490
3.39	4.36	47	7.75	514370	566990	3470
3.25	4.64	49	7.89	407766	449480	3450
3.21	4.70	39	7.91	267906	295313	3430

Pb  
Pb+Zn - 406 6339639 6988184

4% cutoff

Pb	Zn	Ag	Pb + Zn	Tonnes	Tons	Bench
6.50	3.72	105	10.22	19261	21231	3750
5.87	5.23	100	11.10	83045	91541	3730
3.94	5.19	59	9.13	143921	158644	3710
2.37	4.33	29	6.70	196021	216074	3690
2.69	4.37	32	7.06	48034	52948	3670
2.53	3.86	29	6.39	151162	166626	3650
2.72	4.80	31	7.52	154105	169870	3630
2.82	5.36	29	8.18	263850	290842	3610
2.54	5.47	19	8.01	174327	192161	3590
2.54	4.58	23	7.12	109106	120268	3570
3.29	5.83	45	9.12	285989	315246	3550
3.33	5.63	40	8.97	565513	623365	3530
3.67	5.44	47	9.11	645138	711136	3510
4.55	6.16	59	10.71	487261	537108	3490
3.54	4.57	48	8.11	470718	518872	3470
3.41	4.79	49	8.20	378304	417004	3450
3.91	6.01	48	9.92	181370	199924	3430
3.48	5.29	44.2	8.77	4357125	4802858	

Pb  
Pb+Zn 0.397

T3 model at 4% cutoff

Pb	Zn	Ag	Pb + Zn

VARIANCE

ore tons	metal
Tons hc-t3/t3	hc-t3/t3
%	%
0	ERROR

F3 model at 4% cutoff

Pb	Zn	Ag	Pb + Zn
4.7	5.2	66.7	9.9
3.5	4.7	48.6	8.2
2.5	4.6	31.7	7.1
3.3	4.7	37.2	8
2.3	3.3	29.4	5.6
2.1	3.7	22	5.8
2.7	5.1	24.3	7.8
2.2	4.9	15.9	7.1
2.4	4.4	25	6.8
2.9	4.6	35.8	7.5
3.2	5.1	37.8	8.3
3.7	5	43.1	8.7
3.8	4.8	49.8	8.6
3.3	4.3	46.4	7.6
3.2	4.7	42.2	7.9
3.5	5.3	37	8.8
3.2	5.3	38.2	8.5

VARIANCE

ore tons	metal
Tons hc-f3/f3	hc-f3/f3
%	%
0	ERROR
20916	337.7
151072	5.0
163553	32.1
93794	-43.5
116185	43.4
241270	-29.6
344188	-15.5
294098	-34.7
149783	-19.7
386581	-18.5
805346	-22.6
928047	-23.4
627654	-14.4
633769	-18.1
499020	-16.4
368980	-45.8
5824256	-17.5

6% cutoff

Pb	Zn	Ag	Pb + Zn	Tonnes	Tons	Bench
6.5	3.72	105	10.22	19261	21231	3750
5.87	5.23	100	11.10	83045	91541	3730
4.10	5.84	59	9.93	115269	127061	3710
2.86	5.57	36	8.43	112172	123647	3690
4.24	4.92	47	9.16	22460	24758	3670
3.30	4.06	33	7.36	69732	76866	3650
3.73	5.62	46	9.34	76508	84335	3630

T3 model at 6% cutoff

Pb	Zn	Ag	Pb + Zn
4	4.82	58.4	8.82
3.08	5.8	40.7	8.88
3.38	5.81	43.6	9.19
4.06	5.45	43.8	9.51
3.87	4.58	46	8.45
3.31	4.85	37	8.16

VARIANCE

ore tons	metal
Tons hc-t3/t3	hc-t3/t3
%	%
0	ERROR
20916	337.7
102133	24.4
72131	71.4
58681	-57.8
44182	74.0
138622	-39.2

F3 model at 6% cutoff

Pb	Zn	Ag	Pb + Zn
4.7	5.2	66.7	9.9
3.6	5.1	47.2	8.7
2.9	5.6	37.1	8.5
4.3	5.4	46	9.7
4	4.5	40.6	8.5
3.6	4.7	42.9	8.3

VARIANCE

ore tons	metal
Tons hc-f3/f3	hc-f3/f3
%	%
0	ERROR
20916	337.7
129368	-1.8
96126	28.6
60182	-58.9
18945	305.7
68500	23.1

3.41	6.17	31	9.59	177798	195987	3610	2.84	5.13	25.2	7.97	256667	-23.6	-8.1	-	3	5.6	27.3	8.6	261684	-25.1	-16.5
3.19	7.17	13	10.35	91123	100445	3590	2.84	5.73	21.7	8.57	115346	-12.9	5.2	+	2.5	5.7	13.4	8.2	182689	-45.0	-30.6
2.56	5.12	21	7.69	78134	86127	3570	2.41	5.14	23.3	7.55	61724	39.5	42.1	loss +	3.1	5.3	35.7	8.4	78284	10.0	.7
3.40	5.94	47	9.34	271218	298964	3550	3.36	5.33	41.4	8.69	319935	-6.6	.5	loss +	3.3	5	42.6	8.3	287821	3.9	16.9 ✓
3.81	6.15	45	9.96	458958	505909	3530	3.67	5.55	39.8	9.22	622879	-18.8	-12.2	-	3.5	5.4	41.1	8.9	686545	-26.3	-17.5
4.19	6.29	53	10.48	480848	530039	3510 ✓	4.01	5.75	46.4	9.76	708199	-25.2	-19.7 ✓	-	3.9	5.4	46.1	9.3	782930	-32.3	-23.7 ✓
4.85	6.84	57	11.69	412470	454666	3490	4.38	5.74	52.5	10.12	454692	-.0	15.5	+	4.4	5.7	55.1	10.1	445126	2.1	18.2
4.28	6.02	51	10.30	289557	319179	3470 ✓	4.17	5.71	53.2	9.88	355662	-10.3	-6.4 ✓	-	3.9	5.2	52.6	9.1	419802	-24.0	-13.9 ✓
3.51	4.94	50	8.45	353783	389975	3450	3.39	4.95	42.7	8.34	412652	-5.5	-4.3	-	3.4	5	44.4	8.4	399732	-2.4	-1.9
3.96	6.06	48	10.02	177981	196188	3430 ✓	2.98	4.45	31.8	7.43	298984	-34.4	-11.5 ✓	-	3.8	5.6	39.6	9.4	316324	-38.0	-33.9 ✓
3.95	5.98	48.7	9.93	3290317	3626916		3.63	5.37	41.9	9.00	4043405	-11.5	-1.1		3.6	5.4	43.1	9	4254974	-17.3	-6.0

$$\frac{Pb}{Zn+Pb} = 0.398$$

HC has 416489 tons loss

$$\frac{Pb}{Zn+Pb} = 0.403$$

$$\frac{Pb}{Zn+Pb} = 0.400$$