

CORPORATION FALCONBRIDGE COPPER



DATE: September 9, 1986
A
TO: A. J. Davidson
COPIES A
COPIES TO: D. H. Watkins
DE
FROM: I. D. Pirie
SUJET
SUBJECT: Silver Zone Grade & Tonnage

824410

Attached find a preliminary calculation for the grade and tonnage of the silver zone. The numbers are optimal, being based on the best intersections in each hole, and not taking account of the possibility of 2 separate zones. Still, it makes a useful starting point and is encouraging to say the least.

I. D. Pirie

IDP/ik

SILVER ZONE

Polygonal

optimum

BLOCK	LENGTH	WIDTH	AREA	THICK-1	VOLUME	%CU	%PB	%ZN	AU	AG	S.G	TONNES
RG64	0	0	5639	2	11278	3.46	2.57	2.89	1.39	1000	3.8	42856.4
RG65	0	0	9469	5.41	51227.29	.38	1.03	1.79	1.26	226	3.8	194663.702
RG71	0	0	3516	8.72	74259.52	.63	2.1	2.94	1.27	548	3.8	282186.176
RG74	0	0	6916	3.93	27179.88	.45	1.1	2	1.2	474	3.8	103283.544
RG75	0	0	7948	4.24	33699.52	.68	2.99	4.46	.46	332	3.8	128058.176
RG76	0	0	8196	2	16392	1.08	1	1.6	.19	369	3.8	62289.6

AVERAGES 0 0 5639 4.383333333 35672.70167 3.46 2.89 .9616666667 491.5 3.8 813337.598

WEIGHTED AVERAGES .7387615740 1.797569642 2.679453524 1.054795873 437.6349976 813337.598

SILVER ZONE

Buffam-proven

optimum

BLOCK	LENGTH	WIDTH	AREA	THICK-1	VOLUME	%CU	%PB	%ZN	AU	AG	S.G	TONNES
RG64	0	0	1600	2	3200	3.46	2.57	2.89	1.39	1000	3.8	12160
RG65	0	0	1600	5.41	8656	.38	1.03	1.79	1.26	226	3.8	32892.8
RG71	0	0	1600	8.72	13952	.63	2.1	2.94	1.27	548	3.8	53017.6
RG74	0	0	1600	3.93	6288	.45	1.1	2	1.2	474	3.8	23894.4
RG75	0	0	1600	4.24	6784	.68	2.99	4.46	.46	332	3.8	25779.2
RG76	0	0	1600	2	3200	1.08	1	1.6	.19	369	3.8	12160

AVERAGES 0 0 1600 4.383333333 7013.333333 3.46 2.89 .9616666667 491.5 3.8 159904

WEIGHTED AVERAGES .8091673004 1.826041825 2.702323194 1.053893536 456.643346 159904

SILVER ZONE

Buffam-prob

optimum

BLOCK	LENGTH	WIDTH	AREA	THICK-1	VOLUME	%CU	%PB	%ZN	AU	AG	S.G	TONNES
RG64	0	0	3500	2	7000	3.46	2.57	2.89	1.39	1000	3.8	26600
RG65	0	0	6500	5.41	35165	.38	1.03	1.79	1.26	226	3.8	133627
RG71	0	0	6160	8.72	53715.2	.63	2.1	2.94	1.27	548	3.8	204117.76
RG74	0	0	5670	3.93	22283.1	.45	1.1	2	1.2	474	3.8	84675.78
RG75	0	0	6545	4.24	27750.8	.68	2.99	4.46	.46	332	3.8	105453.04
RG76	0	0	5850	2	11700	1.08	1	1.6	.19	369	3.8	44460

AVERAGES 0 0 3500 4.383333333 26269.01667 3.46 2.89 .9616666667 491.5 3.8 598933.58

WEIGHTED AVERAGES .7166694794 1.815815793 2.716462588 1.040416384 434.4533554 598933.58