

019886

FARO (9)

BLASTHOLE MILLFEED CALCULATION

START UP → SEPT 28 1986

		tonnes	% Pb	% Zn	Ag
NOV YEAR END	BLASTHOLE CRUSHER FEED:	1,687,717	3.13	4.58	?
SUBTRACT:	TO HG STOCKPILE :	52,238	3.46	4.54	40
SUBTRACT:	NOV. BLASTHOLE MILLFEED	311,530	3.04	4.61	37
SUBTRACT:	OCT. BLASTHOLE MILLFEED	364,544	2.85	4.63	41
+	CHANGE IN OXIDE STOCKPILE	69,101	2.29	4.14	24
* SUBTRACT	3890 JB MINED RESERVES (wasted)	44,180	3.10	4.70	?
TOTAL	INDICATED TO MILL	984,271	3.18	4.52	?

MET BALANCE	TONNES	% Pb	% Zn	Ag (G/ton)
START-UP to NOV 30 1986	1,638,795	3.00	4.62	42
SUBTRACT NOV met Bal :	329,627	3.11	4.91	44
" OCT MET Bal :	398,763	2.84	4.12	40
TOTAL	910,405	3.03	4.73	42

* 3890 JB wasted because of high level of oxidation.

BLASTHOLE MILLFEED CALCULATION

OCT 1 1986 - APRIL 30 1987

MONTH	TONNES X1000	% Pb	% Zn	Ag (g/ton)
OCT 86	364,594	2.85	4.63	41
NOV 86	311,530	3.04	4.61	39
DEC 86	331,703	3.21	5.01	41
JAN 87	384,476	2.83	4.56	31
FEB 87	334,438	2.68	5.08	25
MARCH 87	358,610	3.26	4.92	44
APRIL 87	<u>411,698</u>	<u>2.98</u>	<u>4.66</u>	<u>28</u>
<u>TOTAL</u>	2,502,049	2.98	4.77	35

MET BALANCE MILLFEED CALCULATION

OCT 1 1986 - APR. 30 1987

MONTH	TONNES X 1000	% Pb	% Zn	Ag (g/ton)
OCT 86	398,763	2.84	4.12	40
NOV 86	329,627	3.11	4.91	44
DEC 86	304,641	3.28	5.29	42
JAN 87	380,756	2.82	4.47	35
FEB 87	331,666	2.73	5.02	26
MARCH 87	331,787	3.12	4.89	41
APRIL 87	<u>411,698</u>	<u>3.02</u>	<u>4.47</u>	<u>33</u>
<u>TOTAL</u>	2,488,938	2.98	4.70	37

Mill Feed Reconciliation : Calculations Crusher Feed

MAY 1 1987 to DEC 31 1987

<u>MET BALANCE:</u>	TONNES	% Pb	% Zn	Ag (g/ton)
MAY 87	347,341	3.09	5.54	27
JUNE 87	374,084	2.62	5.26	44
JULY 87	373,132	3.9	5.49	47
AUG 87	417,419	3.48	4.42	44
SEPT 87	371,656	3.65	5.03	48
OCT 87	386,452	3.48	5.18	43
NOV 87	399,345	3.34	4.44	42
DEC 87	414,063	3.44	4.62	43
<u>TOTAL</u>	3,083,486	3.50	5.04	42

BLASTHOLES CRUSHER FEED

MAY 87	347,341	3.18	5.62	27
JUNE 87	373,405	3.84	5.22	49
JULY 87	377,250	3.92	5.49	46
AUG 87	397,019	3.76	4.95	47
SEPT 87	366,354	3.72	5.39	48
OCT 87	371,553	3.59	5.06	42
NOV 87	358,538	3.50	4.84	41
DEC 87	386,936	3.45	4.94	40

<u>TOTAL</u>	2,978,416	3.62	5.18	43
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PERIOD: Jan 1, 1988 to May 31 1988.

BLASTHOLE CRUSHER FEED

	TONNES	% Pb	% Zn	Ag (g/ton)
JAN 88	358,435	3.65	4.50	48
FEB 88	360,774	3.97	4.54	58
MARCH 88	364,208	4.23	5.04	59
APRIL 88	386,548	3.91	5.00	56
MAY 88	414,429	3.80	5.16	55
TOTAL	1,884,394	3.90	4.86	55

MET BALANCE

JAN	380,604	3.28	4.52	45
FEB	375,644	4.30	4.75	63
MARCH	362,482	4.30	4.83	65
APRIL	369,024	3.58	4.55	55
MAY	392,373	3.49	4.72	54
TOTAL	1,880,127	3.78	4.67	56

BLASTHOLE +5% CALCULATION

OCT 1 1986 - APRIL 30 1987

MONTH	TONNES X 1000	% Pb	% Zn	Ag (g/ton)
OCT	385,179	2.83	4.60	40
NOV	175,307	2.82	4.60	33
DEC	152,318	2.89	4.48	38
JAN	273,181	2.75	4.49	29
FEB	241,774	2.60	5.25	21
MARCH	188,639	3.48	5.04	49
APRIL	<u>486,265</u>	<u>2.99</u>	<u>4.70</u>	<u>31</u>
TOTAL	1,902,658	2.90	4.73	34

BLASTHOLE 4-5% CALCULATION

OCT 1 1986 - APRIL 30 1987

MONTH	TONNES X 1000	% Pb	% Zn	Ag (g/ton)
OCT	125,946	1.77	3.10	31
NOV	54,399	1.82	3.05	29
DEC	70,503	1.68	3.03	28
JAN	112,432	1.93	2.84	24
FEB	29,476	1.47	2.69	15
MARCH	45,844	1.97	2.76	28
APRIL	<u>8556</u>	<u>2.08</u>	<u>3.02</u>	<u>29</u>
TOTAL	447,156	1.81	2.95	27.

BLASTHOLE HIGH GRADE CALCULATION

START-UP - SEPT 28 1986

	TONNES	% Pb	% Zn	Ag (g/tm)
NOV 86 YEAR END	1,687,717	3.13	4.58	N/A
SUBTRACT OCT 86	385,179	2.83	4.60	40
SUBTRACT NOV 86	<u>175,307</u>	<u>2.82</u>	<u>4.60</u>	<u>N/A</u>
TOTAL:	1,127,231 940,000	3.28	4.57	N/A.

STARTUP - SEPT 28 1986

BLASTHOLE LOW GRADE CALCULATION

	TONNES	% Pb	% Zn	Ag (g/tm)
NOV 86 YEAR END	379,546	1.82	3.00	N/A
SUBTRACT OCT 86	125,946	1.77	3.10	31
SUBTRACT NOV 86	<u>54,399</u>	<u>1.82</u>	<u>3.05</u>	<u>N/A</u>
TOTAL	199,201	1.85	2.92	N/A.

BLASTHOLE CALCULATIONS

PERIOD: MAY 1 87 → DEC 31 87

HIGH GRADE 15% BLASTHOLES

	TONNES	% Pb	% Zn	Ag (g/ton)
MAY 87	448 018	3.18	5.62	27
JUNE 87	360,343	4.26	5.19	59
JULY 87	271,737	4.03	5.59	48
AUG 87	385 873	4.24	5.34	55
SEPT 87	219,948	3.15	5.42	35
OCT 87	328 183	3.65	5.19	44
NOV 87	277,916	3.35	4.67	38
DEC 87	<u>389 468</u>	<u>3.58</u>	<u>5.16</u>	<u>38</u>

TOTAL	2,681,536	3.69	5.28	43
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LOW GRADE 4.5% BLASTHOLES

	TONNES	% Pb	% Zn	Ag (g/ton)
MAY 87	20,464	2.11	2.16	30
JUNE 87	35,586	2.13	2.46	30
JULY 87	8,893	2.16	2.14	24
AUG 87	10,000	2.25	2.24	33
SEPT 87	23,142	2.64	2.86	26
OCT 87	13,525	1.91	2.45	35
NOV 87	12,131	1.82	1.62	56
DEC 87	<u>13,326</u>	<u>2.07</u>	<u>2.68</u>	<u>25</u>

TOTAL	137,072	2.17	2.39	32
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PERIOD JAN 1 to MAY 31 1988

BLASTHOLES 4-5%

	TONNES	% Pb	% Zn	Ag (g/ton)
JAN 88	33,579	2.04	2.63	27
FEB 88	41,322	2.38	2.83	40
MARCH 88	27,188	2.09	3.33	26
APRIL 88	16,457	2.30	2.24	36
MAY 88	<u>16,051</u>	<u>1.39</u>	<u>3.19</u>	<u>26</u>
TOTAL	134,597	2.11	2.85	32

BLASTHOLES +5%

JAN 88	490,102	3.65	4.50	48
FEB 88	399,802	4.32	4.76	63
MARCH 88	393,760	4.33	5.15	61
APRIL 88	440,363	3.85	5.09	55
MAY 88	<u>478,817</u>	<u>3.86</u>	<u>5.46</u>	<u>55</u>
TOTAL	2,203,844	3.98	4.99	56