

BRADINA HSTN

MAY 2, 1972

FR J J CROWHURST

TO F W FITZPATRICK AND J CROLL

ZINC RECOVERY GREATLY IMPROVED OVER WEEKEND BY USE OF DIFFERENT
XANTHATE Z-6 RECEIVED HERE FRIDAY FIGURES FOLLOWING. WE WILL
REVISE PRODUCTION FORECAST SHORTLY WHEN WE ARE SURE. BUT WUD APPEAR
PLUS 80 PERCENT.

673745 93L/2
Nadina

~~Flintford Motel~~ 362-1618

WF - Friday 24th - March 8 AM.

Heads - 4.43 Ag 0.41 Cu - 0.67 Pb - 4.37 Zn (low)

(1) Production to date. Tons milled to 22nd - 4786 - add 300 for 23rd = 5086 odd.

(1) 309 tons Zn Conc of about 231 shipped

avg assay - 49% Zn - 3.8% Pb

15.02 Ag - 1.3% Cu.

(2) ~~Need met~~

(2) 51 ton ^{Cu} ~~Pb~~ Conc - none shipped. 20% Cu 8.26% Zn
136.02 Ag.

Recovery - Zn - Zn Conc - 70.2% - currently 77% (plus 2% in Cu Conc)

Cu - Cu Conc - 47% - currently 47% - (plus 19% in Zn Conc)

Ag - 32% in Cu Conc - 22 in Zn Conc. ~~should be 35 + 38~~

Target areas - Zn Conc - 85-87% - ~~runn~~ - 93%

Cu & Cu Conc - 75% - - - 75%

Ag - ~~current~~ 35% + 38%

Need met alluzist.

Mine - seems okay - how about Lambert

Housing & buses - still investigating - lean toward

(a) continue present housing - investigate 18,000 houses.

(b) Trailer court - investigate

(c) Cook house

(d) Men bus.

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 BRALORNE VCR
 BRADINA HSTN
 MAY 4, 1972
 TO J CROLL
 FR J CROWHURST

SORRI ABOUT BAD ARITHMETIC PRODUCTION FORECAST HAVE REVISED
 FORECAST AS FOLLOWS:

	TONS	GRADE		RECOVERY		TONS		NSR		TOTAL	PER TON
		CU	ZN	(19)	(48)	CU	ZN	(325)	(105)		
APR	15,600	0.40	4.30	65	61	213	852	69,000	89,500	158,500	10.16
MAY	16,000	0.40	4.30	70	75	236	1075	77,000	113,000	190,000	11.88
JUNE	16,000	0.47	4.70	72	80	285	1250	93,000	131,000	224,000	14.00
JULY	16,000	0.50	5.10	75	82	315	1394	102,000	146,000	248,000	15.50
AUG	16,000	0.53	5.60	75	85	335	1587	109,000	167,000	276,000	17.25

I HOPE THAT THIS CAN BE IMPROVED BUT WUD NOTPXX PROMISE ANY BETTER
 FOR TIME BEING.

BRADINA HSTN
 MAY 4, 1972
 TO P WISEMAN
 FR J CROWHURST

WE HAVE DROPPED MINE DAILY REPORT PREPARATION SINCE YOU RECEIVE SAME
 INFORMATION BY TELEX AND MAIL AFTERWARD. PLS NOTIFY CORRECT
 PEOPLE
 THANKS

R. WISEMAN WE HAVE DROPPED MINE DAILY REPORT PREPARATION
 SINCE YOU RECEIVE SOME INFORMATION BY TELEX AND MAIL
 AFTERWARD. PLEASE NOTIFY CORRECT PEOPLE THANKS
 JACK CROWHURST

J. R. CROLL

WAS EXPECTING BUS INFORMATION, HAVE BEEN DEALING
 WITH TWO GOOD COMPANIES HERE ON BASIS OF LUMP SUM PER MONTH
 STARTING 10 MAY 72 WILL BE IN TOUCH BY TELEPHONE SHORTLY.
 RE TERMS. ONE OFFER RECEIVED ALREADY ON ATTRACTIVE
 BASIS ~~STRONGLY~~ RECOMMEND WE DO NOT BUY BULKLEY VALLEY
 BUSES BUT JUST HOPE I CAN CONCLUDE DEAL BY MAY 8TH.

JACK CROWHURST

J. R. CROLL

SORRY ABOUT BAD ARITHMETIC PRODUCTION FORECAST
 HAVE REVISED FORECAST AS FOLLOWS.

	TONS	GRADE		RECOVERY		TONS.		NNSR		TOTAL	PER TON
		Cu	Zn	Cu	Zn	(19)	(48)	Cu	Zn		
APRIL	15,600	0.40	4.30	65	61	213	852	69,000	89,500	158,500	10.16
MAY	16,000	0.40	4.30	70	75	236	1075	77000	113000	190000	11.88
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AUGUST	16,000	0.53	5.60	75	85	335	1587	109000	167000	276000	17.25

I HOPE THAT THIS CAN BE IMPROVED BUT
 WOULD NOT PROMISE ANY BETTER FOR TIME BEING

JACK CROWHURST

TUBER

MAY 2 - 72

J. S. THOMPSON

CAN STILL USE TEN MORE ~~THE~~ EXPERIENCED MINERS.
~~WE~~ WE SHOULD ADVERTISE IN ^{DAILY} PAPERS MENTIONING
COOK HOUSE + BUNKHOUSE FACILITIES AND UNDERGROUND
CONTRACTS AVAILABLE CAN YOU ARRANGE ~~FOR~~.
THANKS.

JACK CROWTHERS.

F. W. FITZPATRICK + J. CROLL

ZINC RECOVERY GREATLY IMPROVED OVER WEEKEND
BY USE OF DIFFERENT XANTHATE Z-6 RECEIVED HERE
FRIDAY FIGURES FOLLOWING. WE WILL REVISE PRODUCTION
FORECAST SHORTLY WHEN WE ARE SURE. BUT WOULD APPEAR
PLUS 80%.

JACK CROWTHERS

200 | 3m | lbs

500 | month

600

+ 600

1200

Del Call to FWF + JST - 21 APRIL 72

	17th	18th	Total	Green 19+20	Green Totals	MINER
Tons milled to date	8653	624	9277.	1150	10,400	15,000
Cu Conc - made	117	11	128	20	148	230
ZINC Conc - made	391	18	409.	31	440	650

Tons from mine	4019.	451	4470.	930	5400
✓ ✓ stockpile.	5254.				

Grade of heads to date

	Ag	Cu	Pb	Zn
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To 17th (+ 19th) 4.40 0.41 0.79 3.87

To end of month maybe some improvement?

Tons taken
13500 - 11-12
15
18,000 Est

Grade of Conc to date is perfect
& recoveries

Revenue - April = $230 \times 328 =$ \$ 75,000
 $650 \times 99 =$ \$ 59,000
\$ 134,000

Mine 1-15 - NSR - \$ 13.78

Mine + S.P. = 11.59

Slopes - N end 3A - 3 5 7. 9 1.1 5

4 8 - 10 12 16. 20. 6.

Reby 28. 10.

2880

21
2
23

June 24 - 12 PM - Mon 26.

FITZPATRICK - SAT. NIGHT

Mill shut down Thurs Grd to Fr Grd.
Running @ 8 PM Sat night

(1) Ross coming Tues or Wed - will advise - recovery still bad.

(2) Filtering

(a) Graveyard operator - now on afternoon shift - cuts water & reagents - cuts air - cuts flow to & from stock tank - works okay.

(b) Put on Aero Flocc ?? or similar - @ 3.00 PM - mill sees running all day - since 11 PM Friday night.

(c) Grind coarsened to 62% - 200 mesh from 70% - 200 mesh -

I requested this (Gould's suggestion) - Ed agreed + Weston

(d) adjusted cyclone - this on Thursday

maybe filtering section too small for rest of mill? currently @ 540 TPD

(3) Office to mine - 15 April - we propose build new one - have investigated trailers - cheaper for us to contract building - we will investigate - accountants agree - staff selected.

(4) Contemplate: (a) Continuing present buses - alternatives 80¢ to 1.00 per mile x 11,000 odd m/p/month = \$8800 will call Hahn.

Present cost < \$5500/month - hence will invest gate.

(b) Opening cook house - cost for 30 men - \$4000 to \$5000/month.

- how about talking to caterer - have 2 enquiries (one from Plecash friend) up here. - Figures based on renting

suitable cook house - and \$8.00/day/man. (actual \$8.25!)
calculations.



To date - guess
 To 15th 16th 17-18-19 = 3. 20th ~~15th~~
~~15th~~ -

	To 15th	16th	17-18-19 = 3.	20th	Total
Tons milled	2302	193.	1550	400.	4450
Cu Conc.	22	1.65 = 2	3 x 3 = 9.	4	37
Zn Conc.	117.	12	25 x 3 = 75.	26 26.	230.

Each load
 = 3 x 4 -
 = 11 + Tons
 x 4
 45

Shipped - 1 Car + 45 tons + 2 loads today - so 22 = 125-130 tons.
 Grade - met specs except moisture 8.5%

2302	117
193	12
1550	75
400	26
<u>4445</u>	<u>230</u>

Ass Cu Pb Zn
 Range grade - 4.5-4.7 0.45 0.65-75 4-5% (low)