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Cyprus Anvil Mining Corporation

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June 10, 1975

Mr. H. L. Ames
1573 Broadmoor Avenue
Port Credit
Mississauga, Ontario

Dear Lyall:

Good to hear from you today and glad that you are feeling better.

The mill is coming along quite well though we could do with some more zinc in the feed. We have just recently re-lined the primary crusher and have thus completed phase I of a major P.M. overhaul on this unit. The ore has been extremely difficult to grind recently, resulting in a reduction in throughput.

As you will be aware, we were having great difficulty in making 'on-spec' bulk concentrate using the lead second cleaner tail as one of the constituents. We are now using the lead third cleaner tailing in an attempt to raise the lead in the bulk. Very preliminary results indicate that this may alleviate the problem.

We have done one or two tests on A.E.X. ore - Grum Deposit. Apparently, we encountered a few problems with lead grade but the zinc seemed alright. Once all the assays are back and a report developed, we will send a copy out for your perusal.

I will be taking off for a vacation tomorrow to find some hot sun down in B.C. Bill Wallinger is assuming the position of Acting Chief Metallurgist whilst Bill Wilson will be responsible for the daily operation of the Plant. I am quite enthused by these changes - I think it will do much to develop all concerned. Please don't hesitate to contact these guys if they can be of any help or pass on particular items of interest.

Very best wishes to yourself and Muriel.

Yours truly,


L. P. Taggart
Mill Superintendent

/peg

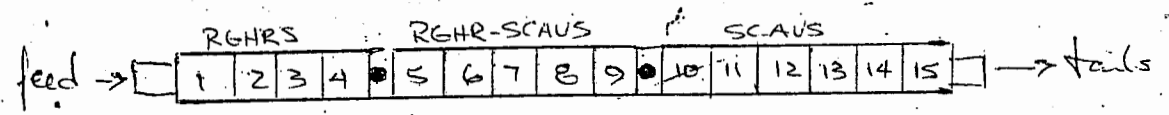
CYPRUS

June 1975 - Basis April Y.T.D. Lime
Mill Monthly Report

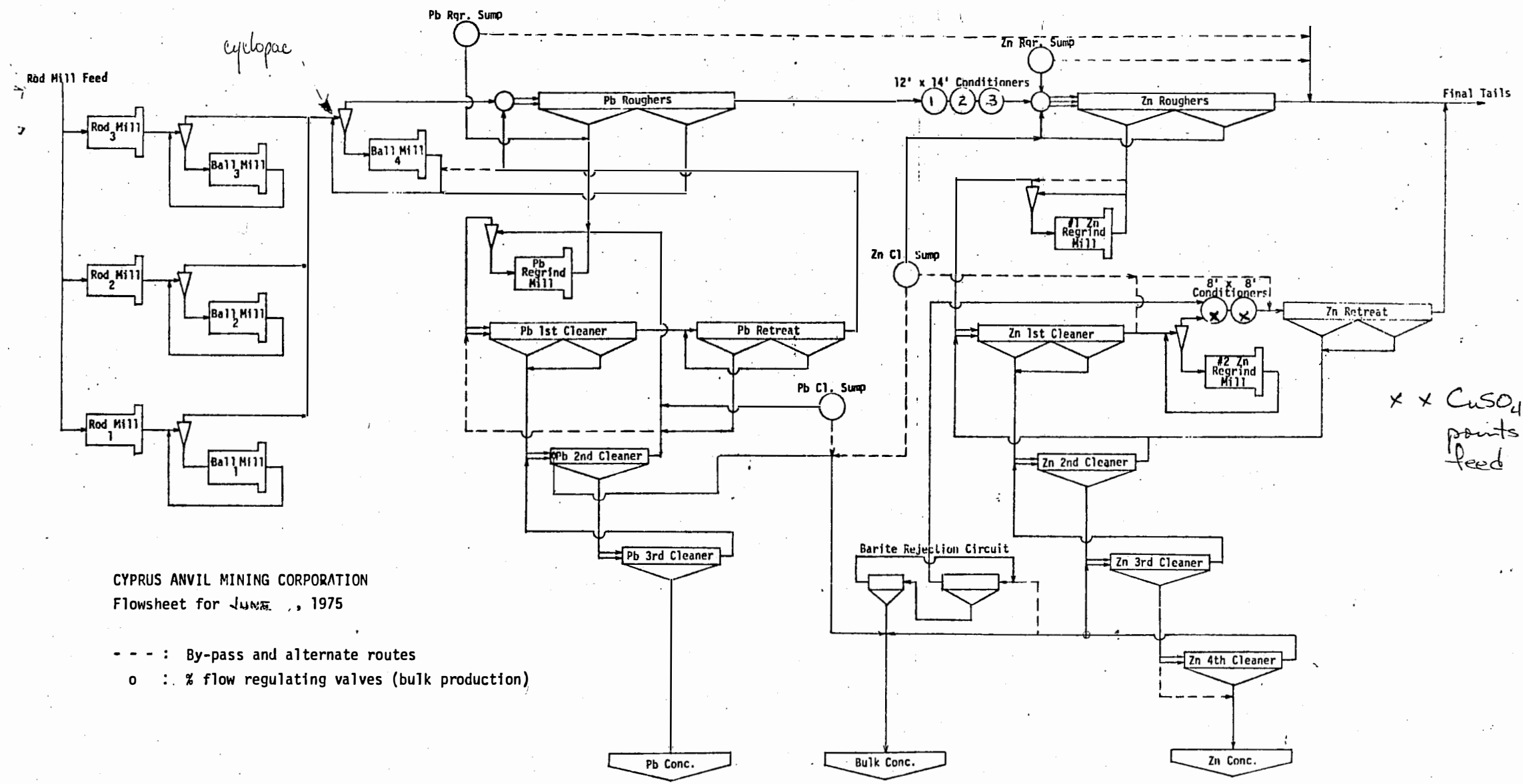
<u>Reagent</u>	<u>Addition Point</u>		<u>#/Ton Feed</u>
Na ₂ CO ₃	Rod Mills	3 x .63	1.9
NaCN	Rod Mills	3 x .007 = .021	} - - - .22
NaCN	1 ⁰ Ball Mills	3 x .030 = .090	
NaCN	2 ⁰ Ball Mill (#4)	.09	
NaCN	Pb Re grind	.02	
Na ₂ SO ₃	2 ⁰ Ball Mill (#4)	Occasional	.3 - .5
Z-11	Rod Mills	3 x .023 = .07	} - - - .14
Z-11	{ Rghr-Scav. Scavs. }	.07	
Z-11	Cyclopac Feed	Occasional	
	Pb 3rd Clnr.		
MIBC	Pb Distributor	.01	} - - - .02
MIBC	{ Rghr-Scav. Scavs. }	.01	
CaO	Pb 1st Clnr.	Occasional	
CaO	Pb 2nd Clnr.	Occasional	
CaO	Pb 3rd Clnr.	pH Controlled	
CaO	Zn 1st Cond.	pH Controlled	
CuSO ₄	Zn 1st Cond.		.5 - .7
Z-11	Zn 2nd Cond.		.08 - .10
Z-11	{ Zn Rghr-Scav. Scavs. }		.06
Df 1012	Zn 1st Cond.		.004
Df 1012	{ Rghr-Scav. Scavs. }		.002
CuSO ₄	{ Zn 1st Clnr. }	Occasional	{ .05 }
Z-11	{ Zn 1st Clnr. }		{ .03 }
CuSO ₄	Zn Ret.		.05
Z-11	Zn Ret.		.03 - .04
CaO	Zn 1st Clnr. (P.Box)	pH Controlled	
CaO	Zn 2nd Clnr. (P.Box)	pH Controlled	
CaO	Zn 3rd Clnr. (P.Box)	pH Controlled	
CaO	Zn 4th Clnr. (P.Box)	pH Controlled	
CaO	Pb,Zn, Bulk Thickeners	pH - → (12.0)	
Percol 351	Pb/Zn/Bulk (.035 #/T)	- → .011/.016/.008 #/T	

Total Lime Y.T.D. April, 1975 = 1.4 #/Ton

B. Muir
12/6/75



o - indicates addition point for
 z-11 & mbc/1012 for Pb/Zn RGHR-SCAUS (DENVER)
 and SCAUS 280'S



x x CuSO₄ & z-11 addition points for Zn Ret feed

CYPRUS ANVIL MINING CORPORATION
 Flowsheet for June, 1975

- - - : By-pass and alternate routes
 o : % flow regulating valves (bulk production)