Cyprus Anvil Mining Corporation — Interoffice Correspondence

2103-A

019198

To See Distribution

Copy to

From L.P. Taggart

Date April 13, 1982

Subject DY METALLURGICAL TESTWORK

Please find enclosed your copy of K.R.A.L. report "Metallurgical Response of DY ore" dated March 31, 1982, which is based upon samples of the predominant ore species selected by the Exploration Department.

From the results summarized in the first few pages, it can be concluded that the lead metallurgical performance is reasonable at fine grinds while the zinc metallurgy is likely to be very good with concentrate grades in excess of 55% zinc forecast. The only potential "fly in the ointment" will be the elevated levels of mercury in the zinc concentrate (500 ppm).

Based upon this testwork, and the obvious assumption that all the samples are representative, the metallurgical forecast for the DY deposit should be given the same high level of confidence as that afforded in the Vangorda Deposit metallurgical forecasts.

LPT/mw

L.P. Taggart

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CYPRUS ANVIL

ZONE 3

Wgt. % Comb. Pb/Zn

Facies	5 - 7	7 - 9	9 -11	11-13	13-15	15-17	17-19	19+
4A	263577	263177 258178	263477 072379	273578 250177		263777		264677
4CD	263977 271778	284778 072679	281278 072579	284878 281478	265277 271078	274478	265377 ~~274678~~	275078
4E	281578	270678				265577 284578	274278	274078
4G	264477 ✓	281078 ✓	264877 281178 ✓	✓	265077 280878 284678 ✓	264377 ✓	273778 ✓	264277 ✓
4K					✓	✓	✓	

ZONE 4

Wgt. % Comb. Pb/Zn

Facies	5 - 7	7 - 9	9 -11	11-13	13-15	15-17	17-19	19+
4A	034079 176180	339779 190580	2001 80 ~~2685~~ 77	174980	125179			
4CD	~~126679~~ 197281	032379 188380	038779	339179		1798*80 2006*80		
4E	033579 178680	126279 178980	033179 187980	1253*79 2007*80	338679			199581
4G	168280 202880	045279 175280	033979 189580	114379 514980	032679 178780	034779 177180	165380	032979 177880
4K	126079 313579	030979 ✓	114279 ~~313379~~	184180 ✓	310079 ✓	125979 184380 ✓	184280 ✓	

* Small Sample

~~1142~~
1972
1995

* add 13.