

Diamond Drilling

MESSAGE

DATE July 05 19 75

TO J. C. D.

000811

FROM Cyprus Anvil Mining Corporation

P.O. BOX 1000, FARO, Y.T.

SUBJECT Diamond Drilling Progress Report - June, 1975

FOLD The following holes and total footage were drilled in June:

hole #	footage drilled	purpose
75-5	651'	E. wall ore
75-6	709'	define dike
75-7	392'	E. wall ore
75-8	250'	deepen 72-6
75-9	418' (incomplete)	ore grade control
	<u>2420</u>	

SIGNED *D. J. Lambles*

FOLD REPLY DATE 19

SIGNED

Diamond Drilling

Cyprus Anvil Mining Corporation

Interoffice Correspondence

To

J. F. Oik

Date

July 2, 1975

From

D. S. Jennings

Subject EXPLORATION/ENGINEERING DRILLING PROGRAM, MINE AREA

The attached table summarizes the proposed Exploration/Engineering diamond drilling program in the mine area. The three (3) holes involved are designed to 1) test for deeply buried sulfide deposits beneath and down dip of the Faro deposit, 2) provide "fill-in" data for ore control, and 3) provide geotechnical data for slope stability analysis near the ultimate pit margin. These holes are located on the attached 400 scale geologic plan and cross sections.

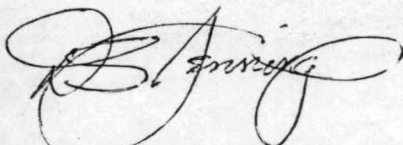
This proposed, joint program results in approximately 2000' of diamond drilling above and beyond that already approved in the 1975 Engineering budget. The additional footage requirements are as follows:

- 1) 1000' in DDH 456-75-13 for dump site testing
- 2) 250' in DDH 75-10 to deepen previously approved 750' hole to 1000'
- 3) Approximately 750' in DDH 75-11 for future ore control "fill-in"

At approximately \$13/foot total cost, this implies additional funding of about \$26,000.

Since the Engineering Department's drill contract costs (Caron) are slightly lower than Exploration's contract (Arctic), all costs to Engineering where the Arctic drill is used will be backcharged at Caron's rates. The Arctic Super 38 rather than Caron's 38 will be used on 456-75-13 because of its greater depth capabilities.

It is suggested that since Exploration DDH 456-75-12 was in part a dump site test hole (see plan and sections), consideration be given to mine funding for the first 1000' of that hole.



D. S. Jennings
Research Geologist

DSJ/mm

cc. J. C. Devitt
 J. G. Simpson

Attach.

CYPRUS

PROPOSED EXPLORATION/ENGINEERING DIAMOND DRILLING PROGRAM

<u>Number</u>	<u>Location</u>	<u>Depth</u>	<u>Purpose</u>	<u>Cost Breakdown</u>	<u>Contractor</u>
756-75-13	5,760 N 11,600 E	3000'	Dump site evaluation; test down-dip projection of Faro sulfide horizon	Cost to 1000' charged to Engineering at Engineering drill contract rates; Exploration to bear remainder of cost to completion	Arctic Diamond Drilling (Longyear Super 38)
75-10	Intersection of sections 121/26	1000'	Ore control "fill-in"	All costs charged to Engineering	Caron Diamond Drilling (Longyear 38)
75-11	Intersection of sections 125/23	2000'	Ore control "fill-in"; test for F ₂ fold repetition of sulfide horizon beneath current orebody; provide geotechnical data for slope stability analysis	Cost from collar to 50' below massive sulfides charged to Engineering; Exploration to bear remainder of cost to completion	Caron Diamond Drilling (Longyear 38)