

To

R. H. Marshall

Date

November 13, 1974

000773

From

J. C. Devitt

Subject 1974 DIAMOND DRILLING


The mine diamond drilling program for the year 1974 was completed November 8. A memo from D. Hanson summarizing these holes is attached.

P. M. Pettigrew submitted a plan for 1974 drilling on September 16, 1973. A comparison of holes planned vs. holes actually drilled is listed below.

	Plan		Actual	
	Holes	Feet	Holes	Feet
1. Define west wall of pit and delineate diorite dikes	7	2060	5	1635
2. Define east wall of pit	1	550	1	523
3. Complete 283 ft. grid holes in Zone 3	3	2000	4	2691
4. Grade control holes - Zone I	3	850	3	1160
5. Define Sub-Zone D (Southeast projection of Zone 3)	6	1670	6	2108
	20	7130	19	8117

Two holes planned for category 1 above were not drilled because the sites were inaccessible. One extra hole was drilled in category 3 which was also necessary to delineate the east wall prior to 1975 mining. Otherwise, the holes drilled followed the plan very closely.

Six additional holes were drilled which were not covered by the original plan. Four of these, totalling 2653 feet, were drilled upon recommendation by the Exploration Department to test for the presence of ore under planned dump sites. The other two holes, totalling 377 feet, were drilled upon recommendation by Golder Associates to define faulting under the north-east slide area.

  
J. C. Devitt  
Chief Engineer

JCD/mm

cc. J. F. Olk  
D. J. Hanson

CYPRUS

To

J. C. Devitt

Date

November 13, 1974

From

D. J. Hanson

Subject SUMMARY 1974 DEVELOPMENT DRILLING

Hole No.	Date Started	Date Finished	Depth (Ft.)	Purpose
74-01	July 26	July 31	523	Define East Wall
74-02	July 31	Aug. 04	474	Define Diorite Dyke
74-03	Aug. 05	Aug. 06	71	N.E. Slope Stability
74-04	Aug. 07	Aug. 09	306	N.E. Slope Stability
74-05	Aug. 09	Aug. 13	348	Grade Control
74-06	Aug. 13	Aug. 16	428	Grade Control
74-07	Aug. 17	Aug. 24	777	283' Center Hole (Zone III)
74-08	Aug. 25	Aug. 29	575	283' Center Hole (Zone III)
74-09	Aug. 30	Sept. 01	384	Grade Control
74-D.S.-2	Sept. 02	Sept. 12	1,004	Test Dump Site
74-D.S.-3	Sept. 12	Sept. 15	309	Test Dump Site
74-D.S.-4	Sept. 16	Sept. 18	309	Test Dump Site
74-10	Sept. 19	Sept. 22	508	Test Sub-Zone D
74-11	Sept. 23	Sept. 25	300	Test Sub-Zone D
74-12	Sept. 27	Sept. 28	174	Define West Wall
74-13	Sept. 28	Sept. 29	150	Define West Wall
74-14	Sept. 30	Oct. 01	196	Define West Wall
74-15	Oct. 01	Oct. 08	754	283' Center Hole (Zone III)
74-16	Oct. 08	Oct. 14	641	Define Diorite Dyke
74-17	Oct. 15	Oct. 20	585	283' Center Hole (Zone III)
74-D.S.-1	Oct. 21	Oct. 30	1,031	Test Dump Site
74-18	Nov. 02	Nov. 03	250	Test Sub-Zone D
74-19	Nov. 03	Nov. 04	373	Test Sub-Zone D
74-20	Nov. 05	Nov. 06	427	Test Sub-Zone D
74-21	Nov. 07	Nov. 08	250	Test Sub-Zone D
		Total	11,147	