

019935

To Denis Gregoire

From Jim Keir

Date July 6, 1984

Subject ANVIL DISTRICT GEOLOGY DEPARTMENT PROGRESS REPORT - JUNE 1984Faro - Diamond Drilling

The diamond drill program was completed on June 30th. A total of 6,311 feet were drilled, 5,777 feet during the month of June.

The preliminary results of the areas drilled are as follows:

1. Zone III - Big Indian Fault Block (approx X-sect 132, L-sect 15)

Hole #	Footage Drilled	Results
84F-13	210'	53.5' @ 1.5% Pb 3.60% Zn 28.6 g/mT Ag
84F-14	335'	3' @ \approx 4.5% Pb & Zn
84F-17	227'	31.3' @ 2.1% Pb 4.7% Zn 33.3g/mT Ag
Total	772'	

Comments - Results indicate additional ore in this area but that it is fault controlled and therefore variable in both location and grade.

2. Zone III - East of Access Ramp (approx X-sect 139, L-sect 19)

Hole #	Footage Drilled	Results
84F-15	135	No ore intersected
84F-16	150	No ore intersected
Total	285	

Comments - Results indicate limited potential for significant mineable reserves in this area.

3. Zone III - In-Fill Drilling (X-sects 119 & 123)

Hole #	Footage Drilled	Results
84F-18	585'	180' mineralization - first 90' assayed 10% Pb & Zn
84F-19	597'	\approx 220' mineralization \approx no assays
84F-20	556'	\approx 240' mineralization \approx no assays
84F-21	397'	\approx 4' of \approx 10% - no assays - definitive hole

Hole #	Footage Drilled	Results
84F-22	185'	≈ 62' of mineralization - no assays
84F-23	589'	≈ 180' of mineralization - no assays
84F-24	545'	≈ 67' mineralization - no assays
84F-25	591'	≈ 167' mineralization - no assays
84F-26	504'	≈ 117' mineralization - no assays
84F-27	355'	≈ 10' of mineralization - definitive hole

Comments - Initial comparison of the actual with the expected results indicates that the main variance is not with the mineralized widths but with the grades and ore types.

- Additional unexpected mineralization was intersected in 84F-26, the expected width was 30' and the actual width was 117'.

4. Northeast Wall

A piezometer hole was drilled in the Northeast wall on 4250 bench to help establish the ground water pressure on the Big Indian Fault.

Geologic Mapping

In addition to the ongoing mapping of the production faces the mapping of the Northeast wall, started in the fall, was resumed. The purpose of the mapping is to aid in the slope stability analysis in that portion of the pit.

Personnel

The manpower level within the department was increased by one with the addition of Greg Lych, a summer student. Greg has mainly been involved with logging core and pit mapping, and to lesser extent with petrographic research.

J. Keir

JK/cg