

Green SIM

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KERR-AEX JOINT VENTURE

GRUM DEPOSIT

PROGRESS REPORT

OCTOBER, 1975

Montreal Engineering Company, Limited
P.O. Box 777, Place Bonaventure
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NOV 14 1975

1 PROGRESS DURING SEPTEMBER

1.1 GENERAL

A good part of the month has been taken up chasing laboratories to produce results. The power studies and geotechnical work are well under way but the water supply, tailings disposal and biophysical aspects are awaiting laboratory results for finalization.

1.2 BIOPHYSICAL STUDIES

The laboratory results of the soils and vegetation were received at the end of the month and work has started on the final report. The laboratory results of the benthic surveys have still not been received and although the results of the fish analyses have been received work did not proceed because it is hoped to tie the two analyses together.

The physical model has been checked and alterations made and is presently in our Montreal office.

1.3 ENGINEERING

The complete soils results have not been received but preliminary designs have been completed for the proposed dams based on the present information. When all the laboratory results are received at the beginning of November this section of the report should be completed.

The mapping arrived at the beginning of the month and after the preliminary dam designs were completed volume calculations were made for the various tailings schemes and water supply on Vangorda Creek. As well as tailings sites on Rose Creek and Upper Vangorda Creek two other sites are being considered in the light of a possible small mill. These sites are on Vangorda Creek adjacent to the Kerr-AEX airstrip and Shrimp Lake.

The records from the stream gauging on Vangorda and Blind creeks had not been received at month's end. This is likely to cause a delay in finalizing all the water related developments.

Cost estimates of the power sources have been prepared. Although the cost of coal is not yet available a figure of \$20.00 per ton has been used for our preliminary estimates.

A letter was sent to Ed Kirkpatrick suggesting a monitoring program for the Grum Deposit pilot scale milling tests.

1.4 REGULATORY ASPECTS

To comply with the water license an ore sample has been forwarded to B.C. Research for acid generation tests. The mine water has continued to be monitored each week.

1.5 MEETINGS DURING OCTOBER

There were no meetings held in the month of October.

2 FUTURE WORK

The inputs from the various groups will be put together into a draft report and submitted at the end of the month. A final report will be prepared following any comments from Kerr-AEX and including any information not available by the end of November.

John Bate

JB/bk

cc: Mr. M.D. Rowswell ✓
Mr. J. Carrington
Mr. A.V. Bell
Mr. D.R. Nancarrow
Mr. W. Fisher
Mr. F.F. Meth
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