



Tel: 416/363-5470 • Telex: 06-22014 • Fax No: 416/363-5477

MEMORANDUM

TO: D.J. Emery

CC: J.Bartrum, J.S. McAlpine, A. Fleming

FROM: K. Blower

SUBJECT: TRP METALLURGY - MEETING 17 NOVEMBER 1988

DATE: November 21, 1988

The TRP metallurgical review meeting was held at the Schumacher Mine office. In attendance were D. Bartlett, J. Bartrum, K. Blower, D. Cooper, S. ElAlfy and J.S. McAlpine.


Critical metallurgical issues were identified and discussed with reference to both laboratory testwork and plant operating results. Concerns raised by J. Bartrum in earlier memos were identified and information reviewed that related to those concerns.

From these discussions an action plan skeleton was developed with assignment of responsibilities and activity deadlines set. J.S. McAlpine and D. Cooper will flesh out the skeleton with more detailed descriptions of the activity procedures and objectives by November 30. These detailed action plans will be circulated to those concerned.

<u>ACTION</u>	<u>DESCRIPTION</u>	<u>RESPONSIBILITY</u>	<u>COMPLETION</u> <u>DATE</u>	<u>REPORT</u> <u>DATE</u>
Carbon Stripping	Complete 1988 Carbon Removal, stripping, and reactivation	D. Cooper	31Jan89	15Fe89
Action Plan	Detailing of this skeleton plan	J.S. McAlpine, D. Cooper	30Nov88	30No88

<u>ACTION</u>	<u>DESCRIPTION</u>	<u>RESPONSIBILITY</u>	<u>COMPLETION DATE</u>	<u>REPORT DATE</u>
Dry Feed Tests	Comprehensive mineralogical examination including carbon	D. Bartlett	15Jan89	31Ja89
Dry Tails Samples	Comprehensive mineralogical examination(incl. carbon)	D. Bartlett	15Jan89	31Ja89
Wet Feed Samples	Examine critical variables including: (S <sup>-</sup> , Tanic, Humic, CN <sup>-</sup> , pH, $\beta$ )	D. Bartlett, Lakefield	15Jan89	31Ja89
Agitators	Specialist to examine agitation with existing setup.	D. Cooper, D. Bartlett	Immediate	15De88
Flotation Testwork	Maximize concentrate values and examine for subsequent treatment.	D. Bartlett, Lakefield	Immediate	31De89 In'l Report
Drilling Program	1989 Feed Evaluation	Bailey, Doerkson, Cooper	01De88	15De88
Core Testing	Bottle tests (standard procedure)	D. Bartlett	31Jan89	10Fe89
Retention/ Economics	1988 Experience (Aug. 22 - Oct. 10)	D. Cooper	30No88	07DE89
Feed Density Control	Written procedures including follow-up program to maintain	Chapman/ Doerkson	Immediate	30No88

<u>ACTION</u>	<u>DESCRIPTION</u>	<u>RESPONSIBILITY</u>	<u>COMPLETION DATE</u>	<u>REPORT DATE</u>
Thickener	Flow sheet development - Pro's, Con's, Costs Chemical Criteria & Costs K. Morton		Mid. Dec.	Xmas
Aeration Evaluation	Examine existing conditions - Degree of Saturation - Need for present volumes D. Cooper, B. Cross		Immediate	15Ja89
Cyanide Procurement	Ensure 3 lbs/T available McAlpine, Jarvis		Immediate	15De88
Solution Loss Study	Develop Procedures for avoiding losses in 1989 Cooper, Bartlett		31De88	28Fe89
1989 Stripping	Increase capacity to 10 T/Day D. Cooper		15De88	31De88
Mag. Separation	Distribute/update reports K. Morton		01De88	01De88
Follow-up Action Plan	Distribute monthly update of action plan to those attending J.S. McAlpine		30No88	Mthly

  
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Ken Blower