

Byth Test Comparison on residues.

14 Aug 87
NO TREATMENT.

Nov 11 '87
HOME TREATED

Nov 11 '87
Fe³⁺ home treated

TEST 1:	①	②	③
Am. g/t:	20.8	14.7	14.0
Ag. g/t:	23.7	32.9	33.2
%As:	15.6	26.0	16.0
L. As. solub:	0.28 (THEORETICAL)	6.39 (ACTUAL)	2.42 (ACTUAL)
%As in residue:	88.8	92.4	84.1

E.T.P. COSTS:	\$ 162.01	\$ 1100.29	\$ 538.82
C.P. COSTS:	440.00	\$ 41.25	\$ 39.22
Reagents kg/t No. 1:	18	15.3	17.0
No. Off:	33.3	2.19	0.

~~debt cost~~

ECONOMICS BASED ON 1TON OF RESIDUE

GOLD REVENUE:	291.52	235.74	203.74
TOTAL COSTS:	<u>202.00</u>	<u>1141.54</u>	<u>578.04</u>
Profit:	90.00	(905.80)	(374.30)

K. S. Shewer.

- one test to come.
- Test 1 is not considered realistic; based on theoretical solubility of As; test 2 & 3 are actual lab solubilities at Lakefield
- Test 2 & 3 give unfavourable economics owing to high As solubilities.
- Costs will be in E.T.P. part of account

Th R 13/1/86