

MEMORANDUM

To H.E. Pawson; R.J. Tucker

Date Dec 29/75

From C.O. Olesen

Ref.

Subject To determine if the precipitate from Dec 22/75 tests will reverse upon dilution.

Procedure: To take the precipitates from the previous test (Dec 22/75) and add 250 ml of tap water to each and agitate for fifteen minutes. After agitation solutions were filtered again and supernate analyzed.

Data:

<u>Original pH of soln for identification</u>	<u>pH of ppte supernate</u>	<u>Leached As ppm</u>	<u>Leached Cu ppm</u>
6.0	7.3	2.95	.98
7.1	7.5	2.32	.31
7.9	7.4	1.95	.24
9.1	7.8	1.91	.05
9.9	8.6	1.82	ND
10.4	8.8	2.31	ND

N.B. as for Leached Fe all solutions were non-detectable

Conclusions:

- The leaching of arsenic from the ppte seems very low and if compared to the amount of arsenic consumed, there is only a 4 - 11% reversal which is very little. Therefore the final end product (the ppte) from the previous test is fairly stable.