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DEPARTMENT OF MINES—TASMANIA

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TELEPHONES:
Metallurgical Research }
Laboratory } 44 2431-2
Mines Inspection } (2 lines)
Explosives & Inflammable Liquids }

LAUNCESTON OFFICES
287 WELLINGTON STREET
SOUTH LAUNCESTON 7250

22nd December, 1976.

Comalco Exploration,
P.O. Box 691,
DEVONPORT, 7310
Tasmania

copy to: Comalco Ltd.,
G.P.O. Box 2773Y,
MELBOURNE, 3001
Victoria.
Attn: Mr. A.H. Bartlett

Dear Sirs, R.731: Moina Wrigglite Oredressing

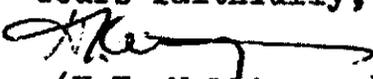
Please find attached a copy of the above report which covers scout testing at various degrees of grinding using a variety of oredressing methods.

This whole project has been delayed by difficulties experienced in fluorine analysis. The method has been rather long and involved hence repetition has consumed much time. Even now the results are not satisfactory hence the rounding of the fluorine distribution figures. It was felt better to issue the report now rather than await satisfactory fluorine results.

However we expect to rectify this deficiency as we have now received a fluoride electrode which will be used in conjunction with your method for fluorine.

Although the gravity tests do not show any meaningful results the fine grind necessary for magnetite removal would be too fine for the gravity recovery of cassiterite and scheelite.

It may be best to ignore the minor constituents and aim initially for a fluorite concentrate. When the feasibility of this has been demonstrated the recovery of minor metals could be undertaken. I should like to hear from your oredressing people on this and the economic aspects of the metals concerned.

Yours faithfully,

(H.K. Wellington)
Chief Chemist & Metallurgist