

TELEPHONE 699-199

All correspondence to be addressed
to Director



NEW ZEALAND

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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH
THE INSTITUTE OF NUCLEAR SCIENCES

PRIVATE BAG, LOWER HUTT

18 July, 1966

Dr G. Reber,
C.S.I.R.O.,
Tasmanian Regional Laboratory,
"Stowell", Stowell Avenue,
HOBART, TASMANIA, AUSTRALIA.

Dear Dr Reber,

Your samples A, B, C, D, which we numbered R.1814/1,2,3 and 4 respectively, have been counted for gamma activity in a low background space and compared against our least active U_3O_8 standard.

Sample	Counting rate in c.p.m.	Activity in % U_3O_8 (equivalent)
R.1814/1	10.95 \pm 0.39	23.5 $\times 10^{-4}$
R.1814/2	3.99 \pm 0.32	8.54 $\times 10^{-4}$
R.1814/3	1.00 \pm 0.15	2.14 $\times 10^{-4}$
R.1814/4	4.26 \pm 0.32	9.10 $\times 10^{-4}$
Standard Sample No. C-T-1A-3 of Dept. of Mines and Resources, Canada. 0.30% U_3O_8 Mesh 200, 9.9.1946	1401.5 \pm 8.8	0.30 (standard reference)

Yours faithfully,

(H. S. Jansen)
for Director