

## Appendix II

A K/Ar age determination of granite in the Korean Continental Borderland (D-223-7)  
by Geochronometry Section, Teledyne Isotopes.

| Sample  | Rock    | Isotope<br>Age (m.y.) | 40 Rad<br>scc Ar/gm $\times 10^{-5}$ | 40 Rad<br>(%) Ar | (%) K |
|---------|---------|-----------------------|--------------------------------------|------------------|-------|
| D-223-7 | Granite | 126.8 $\pm$ 6.3       | 2.38                                 | 86.1             | 4.75  |
|         |         |                       | 2.44                                 | 73.0             | 4.69  |

The analysis was performed on separated biotite.

The constants for the age calculation are:  $\lambda_{\beta} = 4.962 \times 10^{-10} \text{ yr}^{-1}$ ,  $\lambda_{\alpha} = 0.581 \times 10^{-10} \text{ yr}^{-1}$ ,  $K^{40} = 1.167 \times 10^{-4}$  atom per atom of natural potassium (Convention on decay constants, Subcommittee on Geochronology, 25th International Geological Congress, 1976).