

3. WATER.Fluorine:

Read directly by specific ion electrode after addition of buffer solution.

B. AMDEL.

CODE A. Semi quantitative analyses by emission spectroscopy.

CODE B. XRF. All XRF analyses are by Code B1 unless otherwise stated.

B1 XRF, accuracy  $\pm$  5%, detection limits as quoted.

B2 XRF, accuracy  $\pm$  3%, detection limits as quoted.

CODE C. AAS

C1 Bi, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Zn, accuracy  $\pm$  5%, detection limits as quoted. Dissolution in hot  $\text{HClO}_4$ .

C2 Ag, Mo, accuracy  $\pm$  5%. Dissolution in hot  $\text{HCl} + \text{HNO}_3$ ?

C3 Au, accuracy dependent on sample, detection limit 0.05 ppm. Details of method not available, but dissolution in  $\text{HCl} + \text{HNO}_3$ .

CODE E. E4 F as  $\text{CaF}_2$ . Method is not available but is suspected to be leaching in near boiling aluminium sulphate and determination by specific ion electrode. The method is more or less specific for  $\text{CaF}_2$  and does not give total F in the sample i.e. F tied up in micas, topaz, amphibole, etc).

CODE K. K4/2 Au by fire assay and AAS, detection limit 0.005 ppm.