



SOIL AND SEDIMENTS

CHEMISTRY

Parameters	Technique
pH	Potentiometry
Moisture	Gravimetry
Conductivity	Potentiometry
Organic Matter	Gravimetry
Nitrogen (N)	Titrimetry
Elemental Analysis	
Aluminium (Al)	MP-AES
Arsenic (As)	GF-AAS
Antimony (Sb)	MP-AES
Beryllium (Be)	MP-AES
Boron (B)	MP-AES
Cadmium (Cd)	GF-AAS
Calcium (Ca)	MP-AES
Chromium (Cr)	MP-AES
Cobalt (Co)	MP-AES
Copper (Cu)	MP-AES
Iron (Fe)	MP-AES
Lead (Pb)	GF-AAS
Magnesium (Mg)	MP-AES
Manganese (Mn)	MP-AES
Mercury (Hg)	FIMS
Nickel (Ni)	MP-AES
Phosphorous (P)	MP-AES
Potassium (K)	MP-AES
Selenium (Se)	MP-AES
Silver (Ag)	MP-AES
Sodium (Na)	MP-AES
Tin (Sn)	MP-AES
Zinc (Zn)	MP-AES
Other Contaminants	
PCBs	GC-MS-MS
PAHs	GC-MS-MS
Organochlorine Pesticides	GC-MS-MS
Organophosphorous Pesticides	GC-MS-MS
Pyrethroids	GC-MS-MS