

Data Dictionary for X-Ray Fluorescence Elemental Concentrations

The table below describes the attributes (data columns) for the XRF data tables presented in this report. The metadata for the XRF data are not complete if they are not distributed with this document.

Attribute_Label	Attribute_Definition
CORE/SAMPLE ID	Sediment core or sample identification number
DEPTH (cm)	Depth below the core top at which the measurement was performed, in centimeters
MODE	Selected instrument mode, designed for achieving lowest possible limit of detection for soil samples
PHOSPHORUS (ppm)	Phosphorus concentration of the sediment, in parts per million
PHOSPHORUS STANDARD DEVIATION (ppm)	Standard deviation of phosphorus concentration of the sediment, in parts per million
SULFUR (ppm)	Sulfur concentration of the sediment, in parts per million
SULFUR STANDARD DEVIATION (ppm)	Standard deviation of sulfur concentration of the sediment, in parts per million
CHLORINE (ppm)	Chlorine concentration of the sediment, in parts per million
CHLORINE STANDARD DEVIATION (ppm)	Standard deviation of chlorine concentration of the sediment, in parts per million
POTASSIUM (ppm)	Potassium concentration of the sediment, in parts per million
POTASSIUM STANDARD DEVIATION (ppm)	Standard deviation of potassium concentration of the sediment, in parts per million
CALCIUM (ppm)	Calcium concentration of the sediment, in parts per million
CALCIUM STANDARD DEVIATION (ppm)	Standard deviation of calcium concentration of the sediment, in parts per million
TITANIUM (ppm)	Titanium concentration of the sediment, in parts per million
TITANIUM STANDARD DEVIATION (ppm)	Standard deviation of titanium concentration of the sediment, in parts per million
VANADIUM (ppm)	Vanadium concentration of the sediment, in parts per million
VANADIUM STANDARD DEVIATION (ppm)	Standard deviation of vanadium concentration of the sediment, in parts per million
CHROMIUM (ppm)	Chromium concentration of the sediment, in parts per million
CHROMIUM STANDARD DEVIATION (ppm)	Standard deviation of chromium concentration of the sediment, in parts per million
MANGANESE (ppm)	Manganese concentration of the sediment, in parts per million
MANGANESE STANDARD DEVIATION (ppm)	Standard deviation of manganese concentration of the sediment, in parts per million
IRON (ppm)	Iron concentration of the sediment, in parts per million
IRON STANDARD DEVIATION (ppm)	Standard deviation of iron concentration of the sediment, in parts per million
COBALT (ppm)	Cobalt concentration of the sediment, in parts per million
COBALT STANDARD DEVIATION (ppm)	Standard deviation of cobalt concentration of the sediment, in parts per million
NICKEL (ppm)	Nickel concentration of the sediment, in parts per million
NICKEL STANDARD DEVIATION (ppm)	Standard deviation of nickel concentration of the sediment, in parts per million
COPPER (ppm)	Copper concentration of the sediment, in parts per million
COPPER STANDARD DEVIATION (ppm)	Standard deviation of copper concentration of the sediment, in parts per million
ZINC (ppm)	Zinc concentration of the sediment, in parts per million
ZINC STANDARD DEVIATION (ppm)	Standard deviation of zinc concentration of the sediment, in parts per million
ARSENIC (ppm)	Arsenic concentration of the sediment, in parts per million
ARSENIC STANDARD DEVIATION (ppm)	Standard deviation of arsenic concentration of the sediment, in parts per million
SELENIUM (ppm)	Selenium concentration of the sediment, in parts per million
SELENIUM STANDARD DEVIATION (ppm)	Standard deviation of selenium concentration of the sediment, in parts per million
BROMINE (ppm)	Bromine concentration of the sediment, in parts per million
BROMINE STANDARD DEVIATION (ppm)	Standard deviation of bromine concentration of the sediment, in parts per million
RUBIDIUM (ppm)	Rubidium concentration of the sediment, in parts per million
RUBIDIUM STANDARD DEVIATION (ppm)	Standard deviation of rubidium concentration of the sediment, in parts per million
STRONTIUM (ppm)	Strontium concentration of the sediment, in parts per million
STRONTIUM STANDARD DEVIATION (ppm)	Standard deviation of strontium concentration of the sediment, in parts per million
ZIRCONIUM (ppm)	Zirconium concentration of the sediment, in parts per million
ZIRCONIUM STANDARD DEVIATION (ppm)	Standard deviation of zirconium concentration of the sediment, in parts per million
MOLYBDENUM (ppm)	Molybdenum concentration of the sediment, in parts per million
MOLYBDENUM STANDARD DEVIATION (ppm)	Standard deviation of molybdenum concentration of the sediment, in parts per million
RHODIUM (ppm)	Rhodium concentration of the sediment, in parts per million
RHODIUM STANDARD DEVIATION (ppm)	Standard deviation of rhodium concentration of the sediment, in parts per million
PALLADIUM (ppm)	Palladium concentration of the sediment, in parts per million
PALLADIUM STANDARD DEVIATION (ppm)	Standard deviation of palladium concentration of the sediment, in parts per million
SILVER (ppm)	Silver concentration of the sediment, in parts per million
SILVER STANDARD DEVIATION (ppm)	Standard deviation of silver concentration of the sediment, in parts per million
CADMIUM (ppm)	Cadmium concentration of the sediment, in parts per million
CADMIUM STANDARD DEVIATION (ppm)	Standard deviation of cadmium concentration of the sediment, in parts per million
TIN (ppm)	Tin concentration of the sediment, in parts per million
TIN STANDARD DEVIATION (ppm)	Standard deviation of tin concentration of the sediment, in parts per million
ANTIMONY (ppm)	Antimony concentration of the sediment, in parts per million
ANTIMONY STANDARD DEVIATION (ppm)	Standard deviation of antimony concentration of the sediment, in parts per million
BARIUM (ppm)	Barium concentration of the sediment, in parts per million
BARIUM STANDARD DEVIATION (ppm)	Standard deviation of barium concentration of the sediment, in parts per million
PLATINUM (ppm)	Platinum concentration of the sediment, in parts per million
PLATINUM STANDARD DEVIATION (ppm)	Standard deviation of platinum concentration of the sediment, in parts per million
GOLD (ppm)	Gold concentration of the sediment, in parts per million
GOLD STANDARD DEVIATION (ppm)	Standard deviation of gold concentration of the sediment, in parts per million
MERCURY (ppm)	Mercury concentration of the sediment, in parts per million
MERCURY STANDARD DEVIATION (ppm)	Standard deviation of mercury concentration of the sediment, in parts per million
LEAD (ppm)	Lead concentration of the sediment, in parts per million
LEAD STANDARD DEVIATION (ppm)	Standard deviation of lead concentration of the sediment, in parts per million