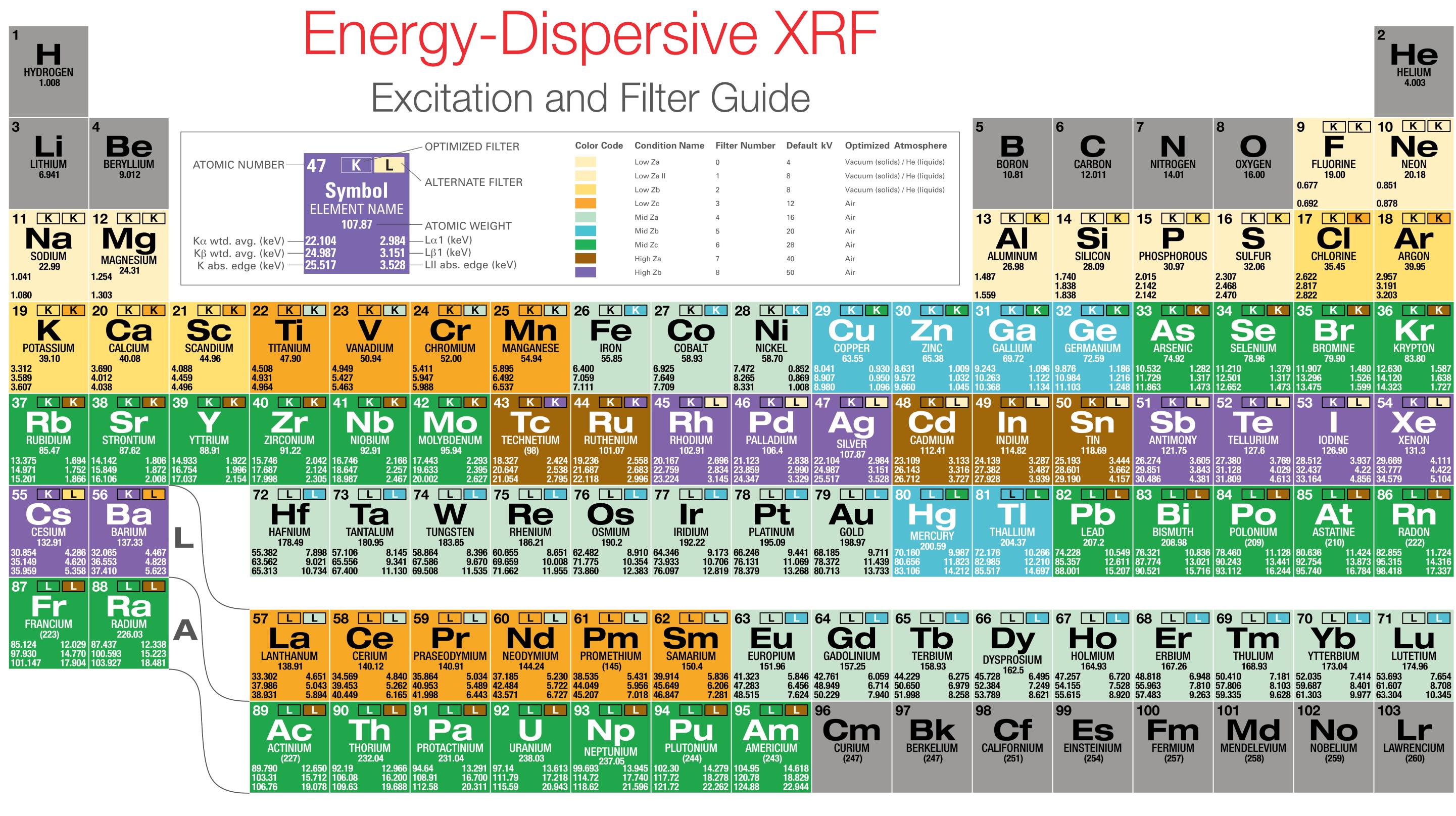
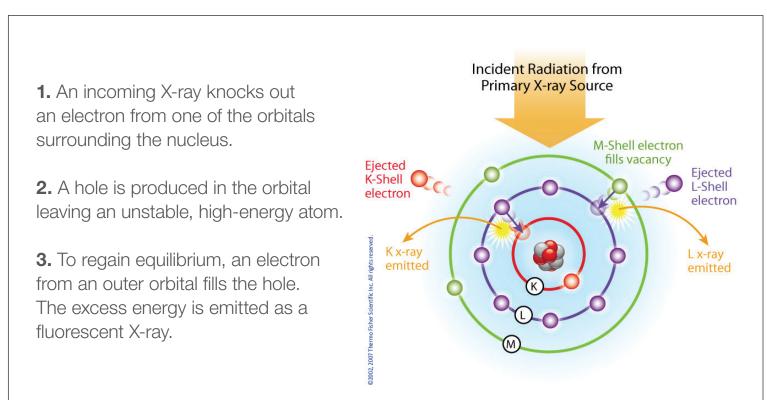
thermoscientific



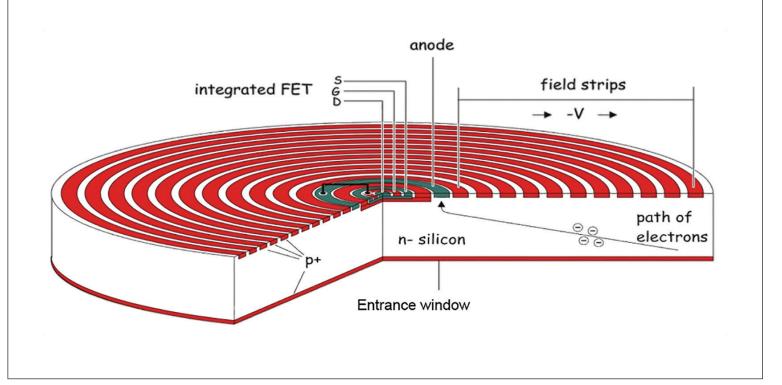


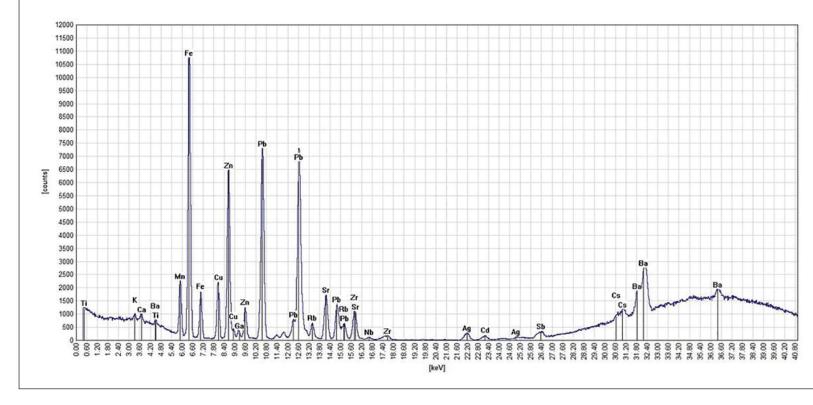
SDD DETECTOR
BERYLLIUM WINDOW

X-RAY TUBE
BERYLLIUM WINDOW

CAMERA

X-RAY TUBE
COLLIMATOR





Principle of X-ray fluorescence

Different components of the EDXRF spectrometer

Detection principle of the silicon drift detector (SDD)

EDXRF detection of hazardous elements in NIST SRM 2710 Montana soil