


Methods, IGW, Müller-Sigmund

<p>XRF X-ray fluorescence spectrometer</p> <p><i>X-ray spectrometry</i></p>	<p>Model: <i>PHILIPS PW2404</i> Unit and Room: <i>Mineralogy, Lab Build., R. 01006</i> Responsible: <i>Isolde Schmidt (Dr. Hiltrud Müller-Sigmund)</i></p> <p>Further information: <i>http://www.minpet.uni-freiburg.de/englisch/analytik/rfa.html</i></p>	
<p>Short Description:</p> <p>Nominally non-destructive bulk elemental analyses of elements with Z>8 in solids; powder press tablets or fused disks required</p>	<p>Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <ul style="list-style-type: none"> - 4kW Rh X-ray source -6 analyzer crystals (LiF220, LiF200, Ge111, PE002, PX-1 and PX-4) - 3 detectors (argon flow proportional and scintillation detectors, sealed xenon detector) 		
<p>Special Equipment:</p> <ul style="list-style-type: none"> - automatic sample changer for 84 samples - SuperQ 4.0 software 		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students</p> <p><input type="checkbox"/> Students after Introduction</p> <p><input type="checkbox"/> Students after extensive training</p> <p><input checked="" type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>		
<p>Typical problems that may be solved with this instrument:</p>	<p><i>bulk elemental composition of solids</i></p>	