Laboratories of the Geological Institutes
Charles University – Faculty of Science, Prague

External prices (Charles University non-members)

Ext. – 7/2024
Contact: lada@natur.cuni.cz **(do not include VAT)**

Polishing lab	**CZK/sample**
Thin section (ca 25x35mm) standard	450
Thin section ("crumbled material")	550
Polished thin section (ca 25x35mm) standard	730
Polished thin section ("crumbled material")	850
Polished epoxy resin block (diam. 25mm) standard	550
Chemical lab (wet analysis & ICP-OES/QMS) – Major elements	
Whole rock analysis:	
Silicate analysis – **S1** (incl. FeO, H_2O^-, H_2O^+, CO_2) *)	2550
Simplified silicate analysis – **S2** (the volatile as LOI; Fe as Fe_2O_3Tot)	1950
Carbonate analysis (MgO, CaO, Fe_2O_3, MnO, CO_2, resid.)	890
FeII+ (solo)	550
Selected major and trace metals (ICP OES and MS analysis)	1790
ICP - Quadrupole MS – Trace elements / (isotopes)	
Trace elements in rock **) (acid / borate flux)	1490
Trace elements in water	1000
Determination of isotopic ratios $^{207}Pb/^{206}Pb$ and $^{208}Pb/^{206}Pb$ (solutions+ICP-QMS!!!)	1100
Determination of isotopic ratios $^{207}Pb/^{206}Pb$ and $^{208}Pb/^{206}Pb$ (incl.decomposition+QMS)	1500
~~Determination of PGM (from liquid solution only)~~	~~1250~~
HPLC lab - anions	
Determination of anions F^-, Cl^-, SO_4^{2-}, NO_3^-, PO_4^{3-} (conduct. max. 600µS)	300
ELTRA – Carbon and sulphur analyzer	
Determination of C_{tot} + S_{tot} („TC+TS")	390
Determination of C_{org} (TOC) as (TC-TIC)	650
AMA 254 – Mercury analyzer	
Determination of total Hg (solid sample)	150
Determination of total Hg (solution)	125
ICP-MC-MS *(contact L.Strnad / J.Trubač / M.Mihaljevič)*	
Determination of isotopic ratios $^{207}Pb/^{206}Pb$, $^{208}Pb/^{206}Pb$, $^{206}Pb/^{204}Pb$	
Laser ablation ICP-MS lab – trace elements in minerals, *contact L.Strnad*	approx.
in-situ trace element analysis in silicate and/or sulfide minerals	20 000 per day
(polished resin block and/or polished thin section; thickness ~min. 50-100µm),	

) SiO2 ,TiO2, Al2O3, Fe2O3, FeO, MnO, MgO, CaO, Na2O, K2O, P2O5
****) e.g.: REE, Pb, U, Th, Rb, Sr, Cs, Ba, V, Cr, Ni, Cu, Zn, Zr, Hf, Nb, (Li)***