

# Project 1

14.11.2022 11:26:02

Project: Project 1  
Owner: mittaus  
Site: Site of Interest 1

Sample: Sample 1  
Type: Default  
ID:

Spectrum Label: Spectrum 2

Livetime 60.0 s

Acquisition geometry ( degrees ):

Tilt = 0.0

Azimuth = 0.0

Elevation = 35.0

Accelerating voltage = 15.00 kV

Total spectrum counts = 47679

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	47.74	235163

Optimization data : Copper...

	Energy (eV)	Resn. (eV)	Area
Strobe :	.0	49.78	235763
Optimization element :	8038.1	150.94	3163

Sample is polished.

Sample is coated with Chromium - thickness (nm): 15.0, density (g/cm3): 7.19

The element used for optimization was Copper

Detector efficiency : Calculation

Spectrum processing :

No peaks omitted

Processing option : All elements analyzed

Number of iterations = 3

Standard :

Al Al2O3 1-kesä-1999 12:00 AM

Si SiO2 1-kesä-1999 12:00 AM

Ti Ti 1-kesä-1999 12:00 AM

Ge Ge 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
Al K	2.94	0.7009	4.20	0.37	6.97
Si K	32.04	0.7867	40.72	0.81	64.93
Ti K	2.77	0.9005	3.07	0.39	2.87
Ge L	34.10	0.8341	40.88	0.96	25.22

Totals			88.88		
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