

# Project 1

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Project: Project 1  
Owner: mittaus  
Site: Site of Interest 3

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 = 38810

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	47.01	235730

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 :

Cu Cu 1-kesä-1999 12:00 AM

Sn Sn 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
Cu L	8.78	0.3605	24.35	1.50	50.21
Sn L	42.03	0.9316	45.12	1.30	49.79

Totals 69.47