

Spectrum Label: Spectrum 1

Livetime 90.0 s

Acquisition geometry ( degrees ):

 Tilt = 0.0

 Azimuth = 0.0

 Elevation = 30.0

 Accelerating voltage = 10.00 kV

 Total spectrum counts = 64208

|  |  |  |  |
| --- | --- | --- | --- |
| Sample data : | Energy (eV) | Resn. (eV) | Area |
| Strobe : | 3.8 | 40.98 | 940875 |
|  |  |  |  |
| Optimization data : Cobalt K series |  |  |  |
|  | Energy (eV) | Resn. (eV) | Area |
| Strobe : | .1 | 41.16 | 1008028 |
| Optimization element : | 6916.2 | 136.04 | 88085 |

Spectrum processing :

No peaks omitted

Processing option : Oxygen by stoichiometry (Normalised)

Number of iterations = 1

Standard :

C CaCO3 1-Jun-1999 12:00 AM

Mg MgO 1-Jun-1999 12:00 AM

Al Al2O3 1-Jun-1999 12:00 AM

Si SiO2 1-Jun-1999 12:00 AM

Ca Wollastonite 1-Jun-1999 12:00 AM

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Element | Weight% | Atomic% | Compd% | Formula |  |
|   |   |   |   |   |  |
| C K | 3.12 | 5.11 | 11.44 | CO2 |  |
| Mg K | 2.05 | 1.66 | 3.41 | MgO |  |
| Al K | 36.65 | 26.70 | 69.24 | Al2O3 |  |
| Si K | 5.74 | 4.02 | 12.28 | SiO2 |  |
| Ca K | 2.59 | 1.27 | 3.63 | CaO |  |
| O | 49.84 | 61.24 |  |  |  |
| Totals | 100.00 |  |  |  |  |

Project: Project 1

Owner: Operator

Site: Site of Interest 3