

## EDX Report

Report No.

## Sample Information

Sample Name SDG-2  
Meas.Date 2025/06/20 07:52:05  
Comment 6ch He-Metal\_C balance  
Group 4\_Detail\_C Balance  
Operator



## Measurement Condition

| Channel  | kV | uA        | Filter | Acq.   | Analysis    | Time     | Atmos, | He |
|----------|----|-----------|--------|--------|-------------|----------|--------|----|
| Ti-U     | 50 | 37-Auto   | ----   | 0 - 40 | 4.00-35.00  | Live- 60 | DT%    | 31 |
| Na-Sc    | 15 | 260-Auto  | ----   | 0 - 20 | 0.00- 4.40  | Live- 60 |        | 30 |
| S-Ca     | 15 | 646-Auto  | #2     | 0 - 20 | 2.10- 4.10  | Live- 60 |        | 29 |
| Cr-Fe    | 50 | 56-Auto   | #3     | 0 - 40 | 5.00- 7.00  | Live- 60 |        | 29 |
| Zn-As,Pb | 50 | 447-Auto  | #4     | 0 - 40 | 8.50-14.50  | Live- 60 |        | 30 |
| Ru-Sb    | 50 | 1000-Auto | #1     | 0 - 40 | 18.50-28.00 | Live- 60 |        | 11 |

## Quantitative Result

| Analyte | Result   | Std.Dev  | Calc.Proc | Line  | Intensity |
|---------|----------|----------|-----------|-------|-----------|
| Si      | 6.575 %  | [ 0.020] | Quan-FP   | SiKa  | 62.6105   |
| Al      | 1.372 %  | [ 0.015] | Quan-FP   | AlKa  | 4.5282    |
| K       | 1.081 %  | [ 0.005] | Quan-FP   | K Ka  | 9.8275    |
| Ca      | 1.001 %  | [ 0.004] | Quan-FP   | CaKa  | 14.6380   |
| Fe      | 0.265 %  | [ 0.002] | Quan-FP   | FeKa  | 75.5011   |
| Mg      | 0.132 %  | [ 0.016] | Quan-FP   | MgKa  | 0.1012    |
| S       | 0.064 %  | [ 0.003] | Quan-FP   | S Ka  | 0.0733    |
| Ba      | 0.021 %  | [ 0.002] | Quan-FP   | BaLa  | 1.3348    |
| Mn      | 0.017 %  | [ 0.000] | Quan-FP   | MnKa  | 3.0645    |
| Ti      | 0.015 %  | [ 0.001] | Quan-FP   | TiKa  | 2.9200    |
| Cl      | 0.015 %  | [ 0.002] | Quan-FP   | ClKa  | 0.0383    |
| Sr      | 0.006 %  | [ 0.000] | Quan-FP   | SrKa  | 2.7624    |
| Rb      | 0.003 %  | [ 0.000] | Quan-FP   | RbKa  | 1.1916    |
| Ag      | 0.003 %  | [ 0.000] | Quan-FP   | AgKa  | 2.1164    |
| Zn      | 0.003 %  | [ 0.000] | Quan-FP   | ZnKa  | 0.1886    |
| Zr      | 0.002 %  | [ 0.000] | Quan-FP   | ZrKa  | 7.8582    |
| Cr      | 0.002 %  | [ 0.000] | Quan-FP   | CrKa  | 0.2721    |
| Cu      | 0.001 %  | [ 0.000] | Quan-FP   | CuKa  | 1.6734    |
| Y       | 0.001 %  | [ 0.000] | Quan-FP   | Y Ka  | 2.5047    |
| Ir      | 0.001 %  | [ 0.000] | Quan-FP   | IrLa  | 0.0317    |
| Pb      | 0.000 %  | [ 0.000] | Quan-FP   | PbLb1 | 0.0239    |
| Br      | 0.000 %  | [ 0.000] | Quan-FP   | BrKa  | 0.0218    |
| C       | 89.419 % | [-----]  | Balance   | ----- | -----     |

## Profile

