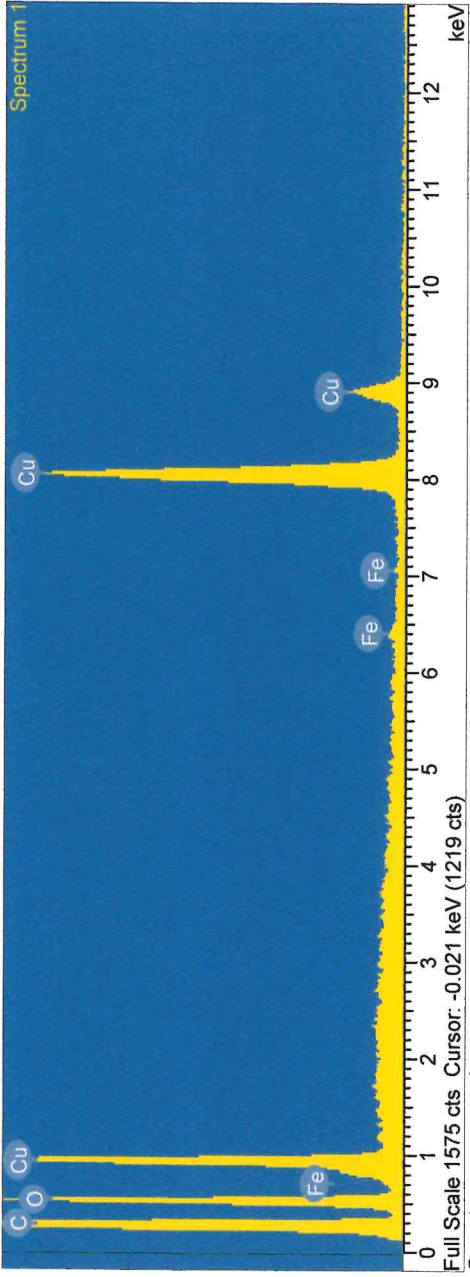


MA47613

1/22/2009 5:03:58 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 4
Type: Default
ID: Blue paint



Processing option : All elements analyzed (Normalised)
Number of iterations = 6

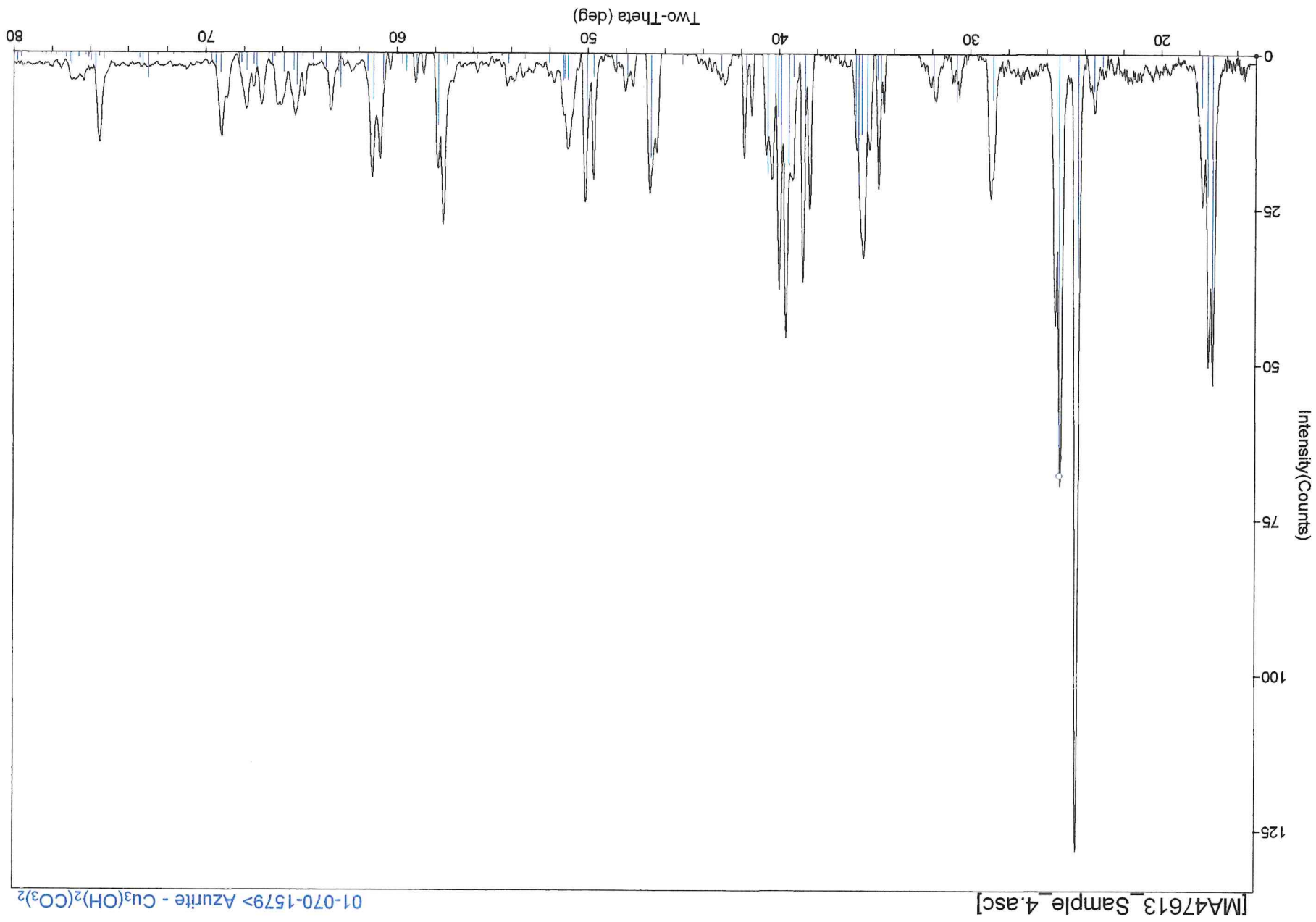
Standard :
C CaCO3 1-Jun-1999 12:00 AM
O SiO2 1-Jun-1999 12:00 AM
Fe Fe 1-Jun-1999 12:00 AM
Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C K | 172.54 | 0.7607 | 54.93 | 68.50 |
| O K | 50.01 | 0.4064 | 29.80 | 27.90 |
| Fe K | 0.53 | 0.9461 | 0.14 | 0.04 |
| Cu K | 49.60 | 0.7935 | 15.14 | 3.57 |
| Totals | | | 100.00 | |

Comment:

FIGURE 4B
EDS spectrum of Sample 4, blue paint. (MA47613)

FIGURE 4C – XRD pattern of Sample 4, blue paint. (MA47613)

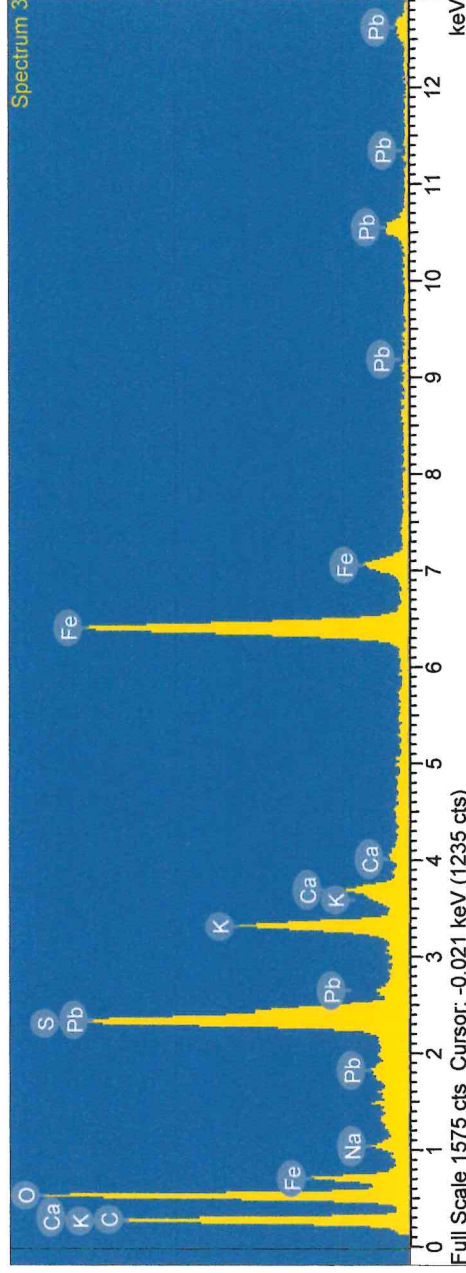


MA47613

1/22/2009 5:04:33 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 5
Type: Default
ID: Red-brown Paint



Full Scale 1575 cts Cursor: -0.021 keV (1235 cts)

Spectrum processing :

Peak possibly omitted : 5.020 keV

Processing option : All elements analyzed (Normalised)

Number of iterations = 6

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Pb PbF2 1-Jun-1999 12:00 AM

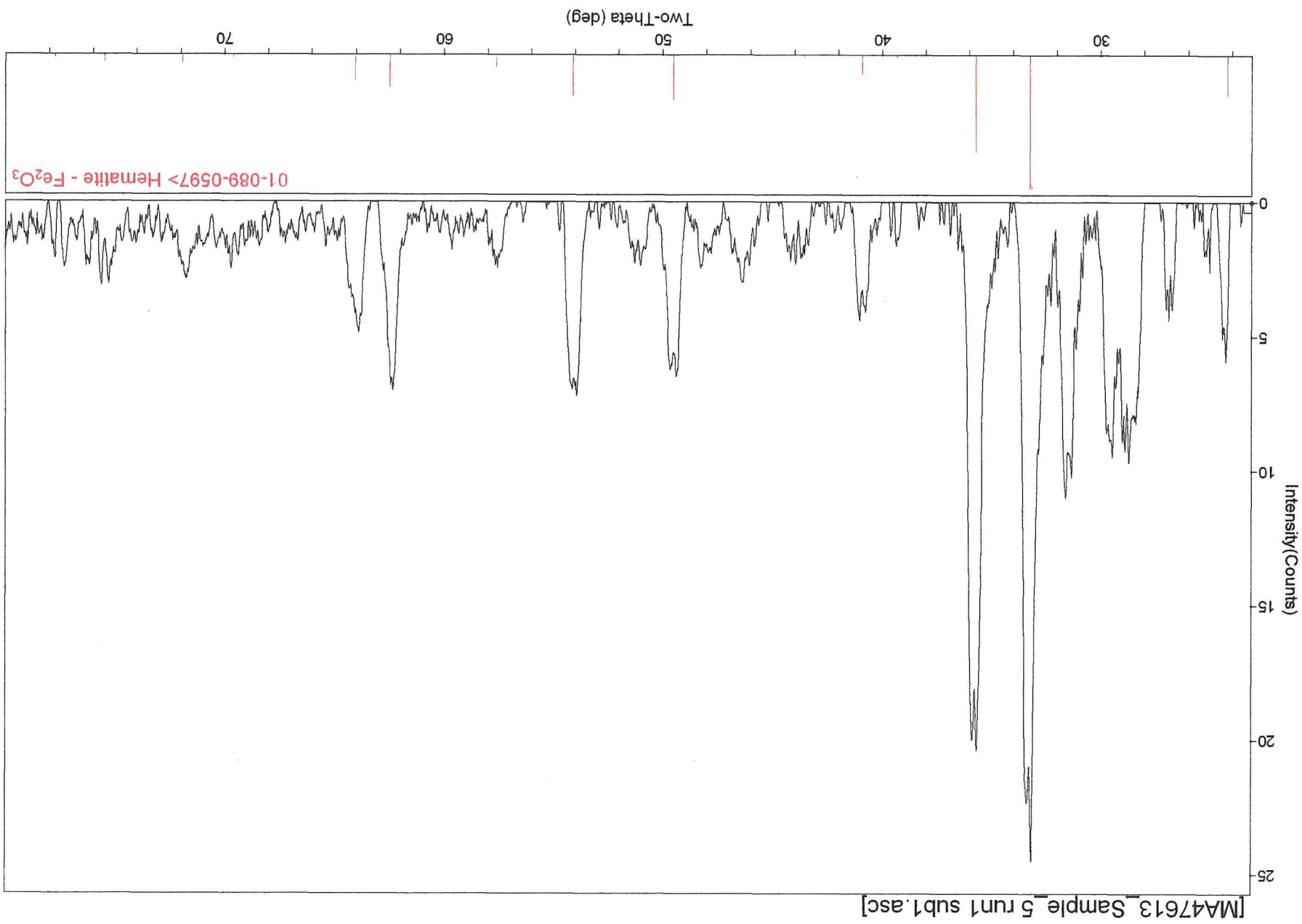
| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 68.22 | 0.6455 | 39.33 | 54.81 |
| O | 46.40 | 0.4750 | 36.36 | 38.03 |
| Na | 0.83 | 0.5164 | 0.60 | 0.44 |
| S | 6.08 | 0.9154 | 2.47 | 1.29 |
| K | 6.26 | 1.0094 | 2.31 | 0.99 |
| Ca | 1.93 | 0.9567 | 0.75 | 0.31 |
| Fe | 27.35 | 0.8357 | 12.18 | 3.65 |
| Pb | 15.18 | 0.9411 | 6.00 | 0.48 |

Totals 100.00

Comment:

FIGURE 5B
EDS spectrum of Sample 5, red-brown paint. (MA47613)

FIGURE 5C – XRD pattern of Sample 5, red-brown paint. (MA47613)

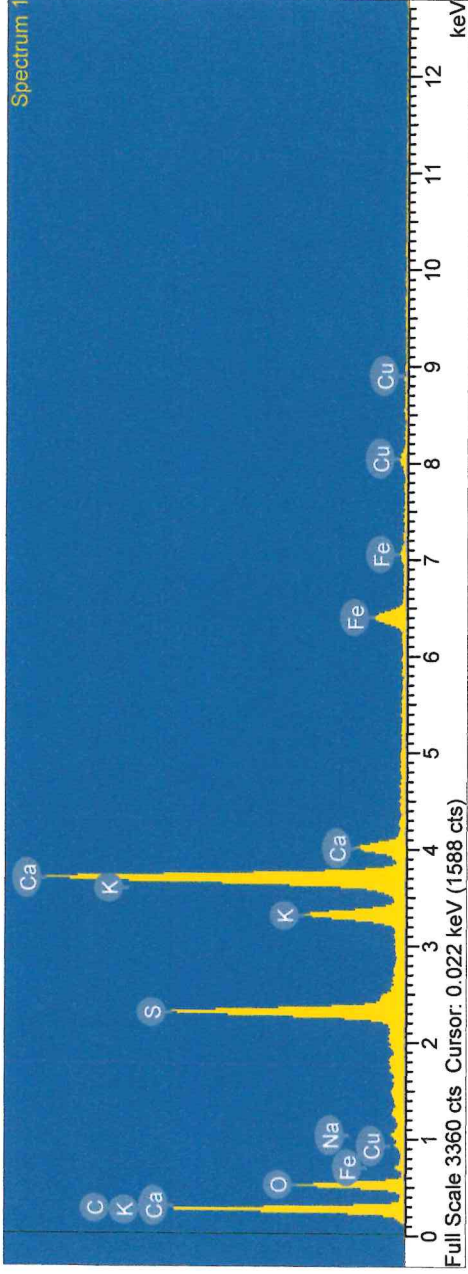


MA47613

1/22/2009 5:04:45 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 6
Type: Default
ID: Black Ink Text



Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C K | 104.62 | 0.6623 | 49.84 | 63.56 |
| O K | 27.89 | 0.2977 | 29.57 | 28.31 |
| Na K | 0.73 | 0.6015 | 0.38 | 0.25 |
| S K | 14.48 | 0.9622 | 4.75 | 2.27 |
| K K | 8.39 | 1.0791 | 2.45 | 0.96 |
| Ca K | 31.85 | 0.9799 | 10.26 | 3.92 |
| Fe K | 5.47 | 0.8051 | 2.14 | 0.59 |
| Cu K | 1.50 | 0.7749 | 0.61 | 0.15 |
| Totals | | | 100.00 | |

Comment:

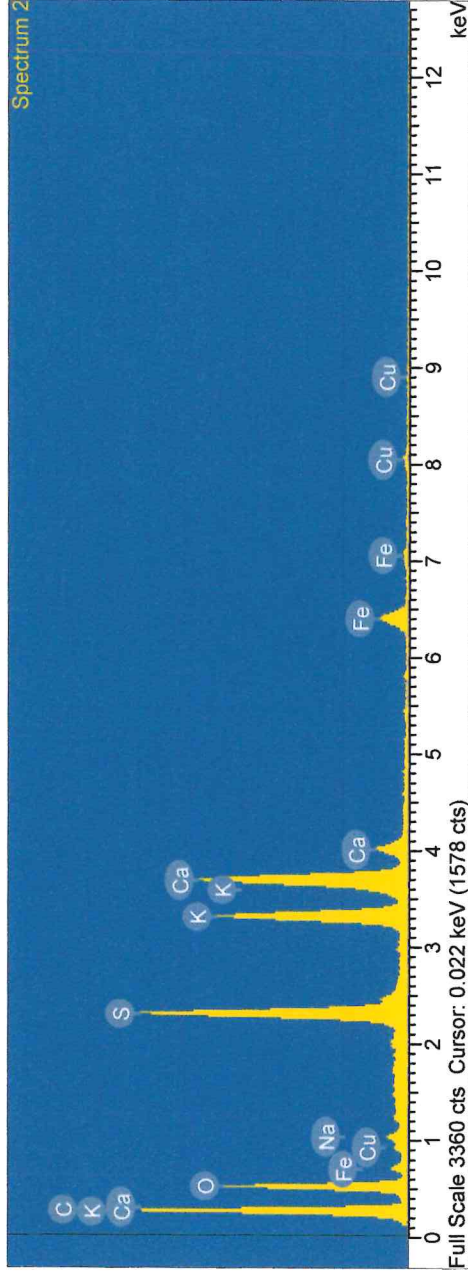
FIGURE 6B
EDS spectrum of Sample 6, black ink from text, Spectrum 1. (MA47613)

MA47613

1/22/2009 5:04:55 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 6
Type: Default
ID: Black Ink Text



Processing option : All elements analyzed (Normalised)

Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

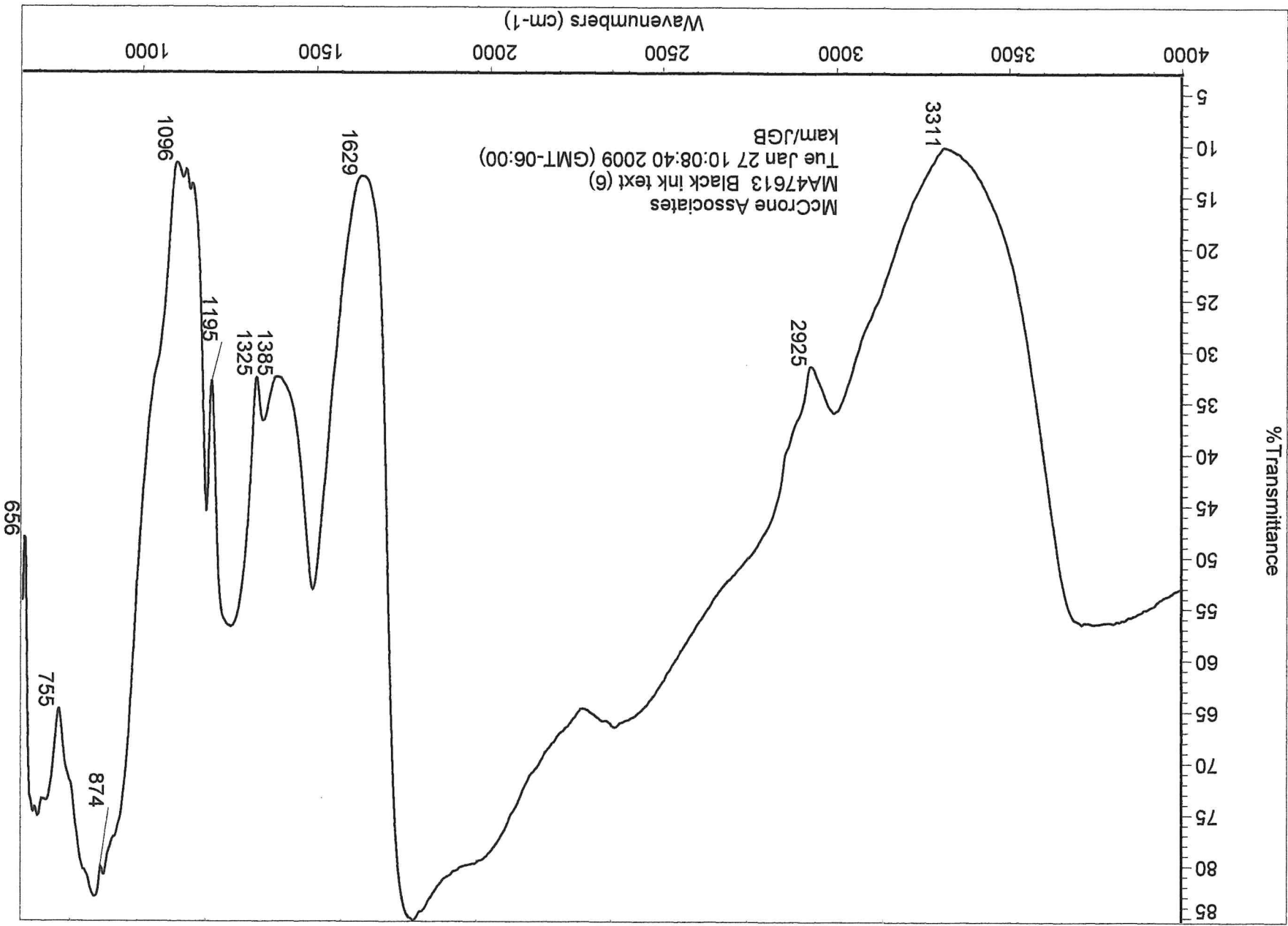
| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| C | 120.42 | 0.6626 | 47.62 | 0.87 | 59.56 |
| O | 46.82 | 0.3394 | 36.14 | 0.75 | 33.94 |
| Na | 1.35 | 0.5978 | 0.59 | 0.09 | 0.39 |
| S | 16.72 | 0.9564 | 4.58 | 0.11 | 2.15 |
| K | 16.60 | 1.0601 | 4.10 | 0.10 | 1.58 |
| Ca | 18.67 | 0.9628 | 5.08 | 0.12 | 1.90 |
| Fe | 4.66 | 0.8068 | 1.51 | 0.08 | 0.41 |
| Cu | 1.07 | 0.7747 | 0.36 | 0.07 | 0.09 |

Totals 100.00

Comment:

FIGURE 6C
EDS spectrum of Sample 6, black ink from text, Spectrum 2. (MA47613)

FIGURE 6D – IR spectrum of Sample 6, black ink from text. (MA47613)

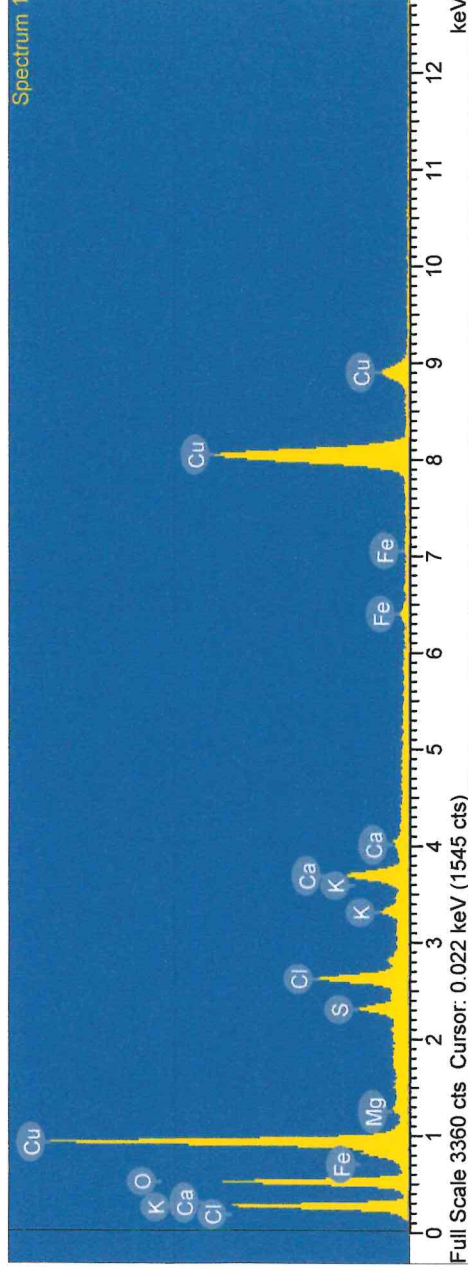


MA47613

1/22/2009 5:05:05 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 7
Type: Default
ID: Green paint



Full Scale 3360 cts Cursor: 0.022 keV (1545 cts)

Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 4

Standard :

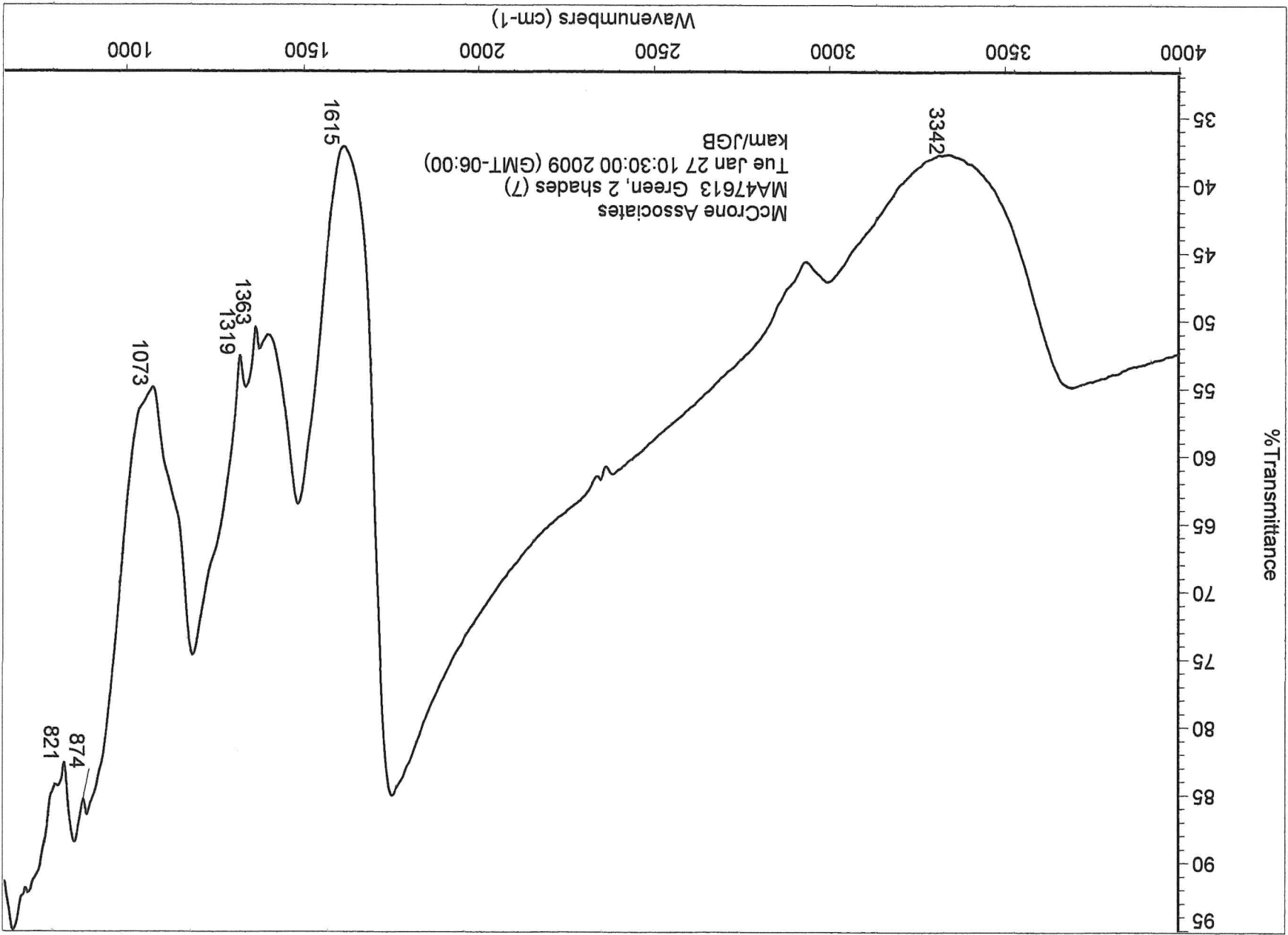
- O SiO2 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| O K | 42.87 | 0.8120 | 38.77 | 0.67 | 68.20 |
| Mg K | 0.32 | 0.2889 | 0.82 | 0.26 | 0.95 |
| S K | 2.26 | 0.7325 | 2.26 | 0.15 | 1.99 |
| Cl K | 4.90 | 0.6897 | 5.22 | 0.19 | 4.14 |
| K K | 1.43 | 0.9934 | 1.06 | 0.11 | 0.76 |
| Ca K | 4.90 | 0.9804 | 3.67 | 0.15 | 2.58 |
| Fe K | 0.88 | 1.0369 | 0.63 | 0.12 | 0.32 |
| Cu K | 57.40 | 0.8858 | 47.58 | 0.61 | 21.07 |
| Totals | | | 100.00 | | |

Comment:

FIGURE 7B
EDS spectrum of Sample 7, green paint. (MA47613)

FIGURE 7C - IR spectrum of Sample 7, green paint. (MA47613)

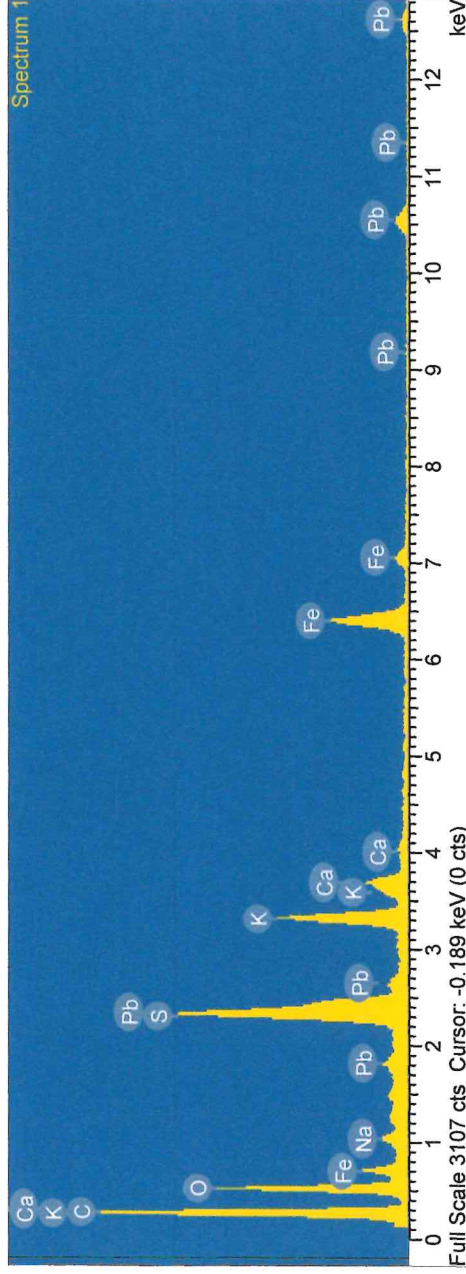


MA47613

1/22/2009 5:05:24 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 8
Type: Default
ID: Red Brown Paint



Full Scale 3107 cts Cursor: 0.189 keV (0 cts)
Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 6

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Pb PbF2 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------------|---------------|---------|
| C | 147.60 | 0.7857 | 51.79 | 0.83 | 65.37 |
| O | 43.88 | 0.3783 | 31.97 | 0.73 | 30.30 |
| Na | 1.19 | 0.6043 | 0.54 | 0.09 | 0.36 |
| S | 7.62 | 0.9494 | 2.21 | 0.09 | 1.05 |
| K | 10.05 | 1.0105 | 2.74 | 0.08 | 1.06 |
| Ca | 2.66 | 0.9462 | 0.77 | 0.05 | 0.29 |
| Fe | 12.51 | 0.8184 | 4.21 | 0.13 | 1.14 |
| Pb | 20.28 | 0.9720 | 5.75 | 0.26 | 0.42 |
| Totals | | | 100.00 | | |

Comment:

FIGURE 8B
EDS spectrum of Sample 8, red-brown paint. (MA47613)

FIGURE 8C – XRD pattern of Sample 8, red-brown paint (hematite and iron sulfide). (MA47613)

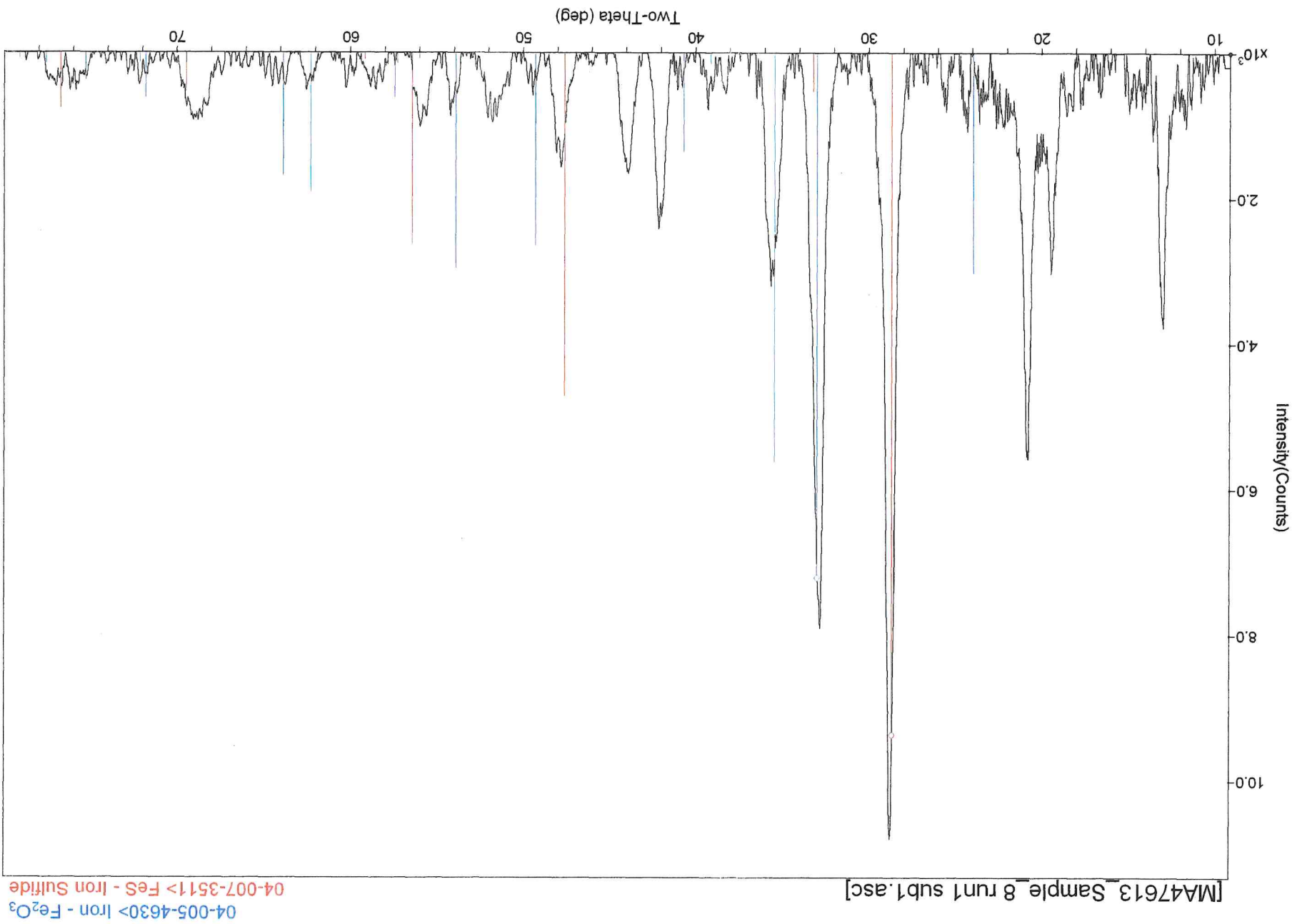
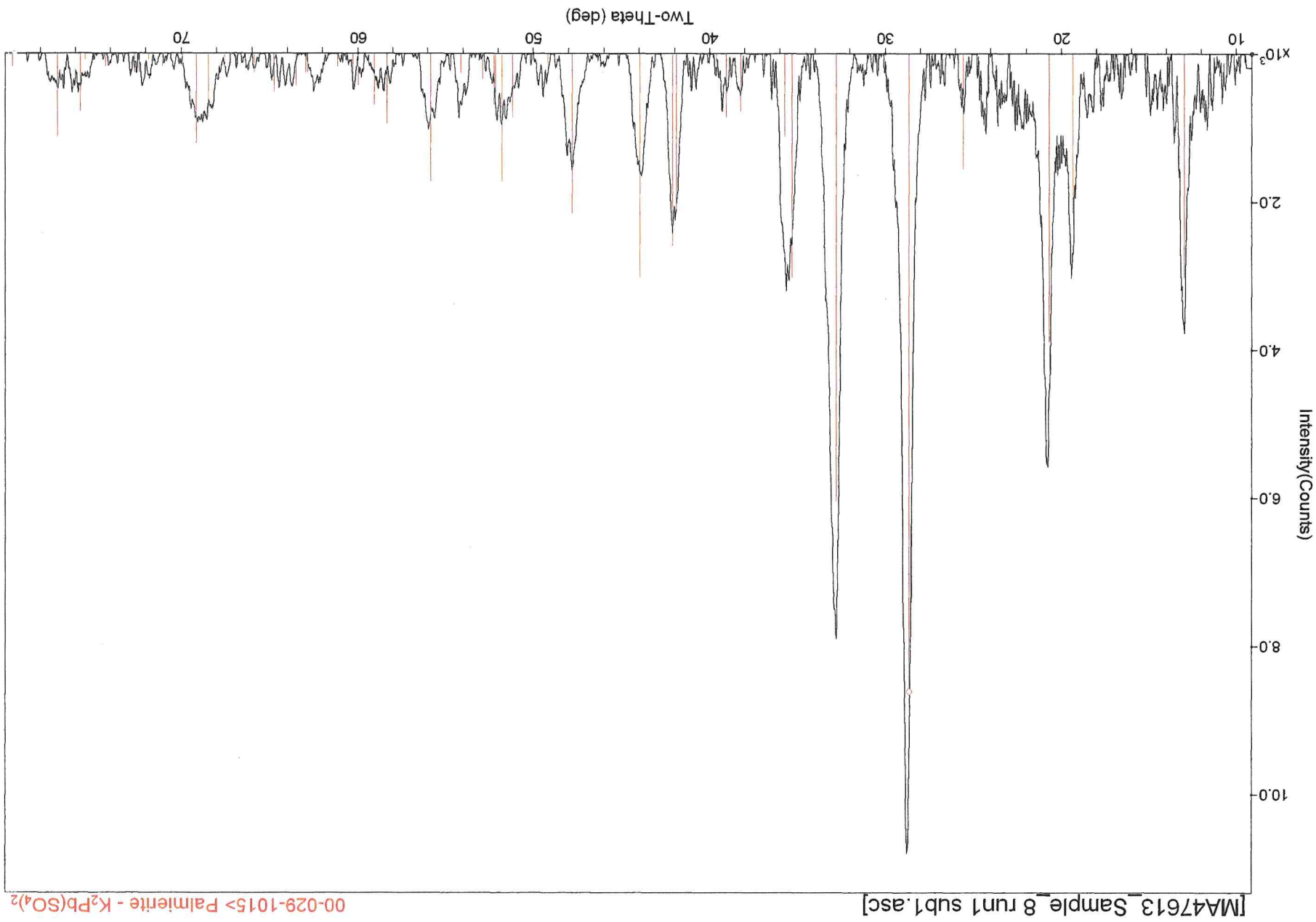


FIGURE 8D - XRD pattern of Sample 8, red-brown paint (palmierite). (MA47613)

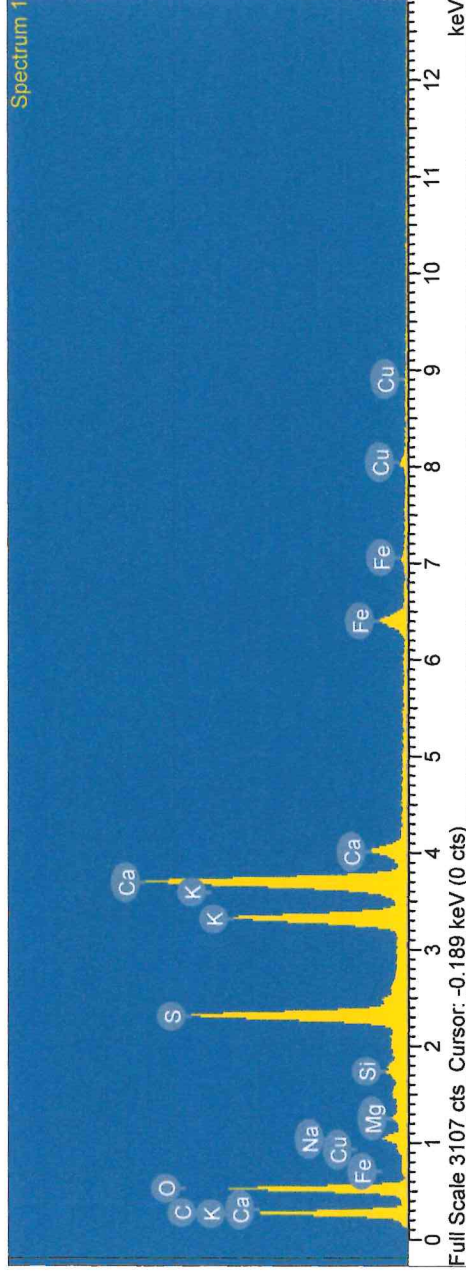


MA47613

1/22/2009 5:05:32 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 9
Type: Default
ID: Black Ink Text



Full Scale 3107 cts Cursor: 0.189 keV (0 cts)
Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

C CaCO3 1-Jun-1999 12:00 AM
 O SiO2 1-Jun-1999 12:00 AM
 Na Albite 1-Jun-1999 12:00 AM
 Mg MgO 1-Jun-1999 12:00 AM
 Si SiO2 1-Jun-1999 12:00 AM
 S FeS2 1-Jun-1999 12:00 AM
 K MAD-10 Feldspar 1-Jun-1999 12:00 AM
 Ca Wollastonite 1-Jun-1999 12:00 AM
 Fe Fe 1-Jun-1999 12:00 AM
 Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| C | 60.82 | 0.5975 | 37.08 | 1.12 | 49.31 |
| O | 41.76 | 0.3648 | 41.70 | 0.92 | 41.63 |
| Na | 1.51 | 0.5641 | 0.97 | 0.13 | 0.68 |
| Mg | 0.32 | 0.5610 | 0.21 | 0.06 | 0.14 |
| Si | 0.42 | 0.8116 | 0.19 | 0.05 | 0.11 |
| S | 12.37 | 0.9415 | 4.79 | 0.13 | 2.38 |
| K | 13.66 | 1.0651 | 4.67 | 0.13 | 1.91 |
| Ca | 20.96 | 0.9613 | 7.94 | 0.19 | 3.17 |
| Fe | 4.01 | 0.8102 | 1.80 | 0.10 | 0.52 |
| Cu | 1.37 | 0.7805 | 0.64 | 0.10 | 0.16 |
| Totals | | | 100.00 | | |

Comment:

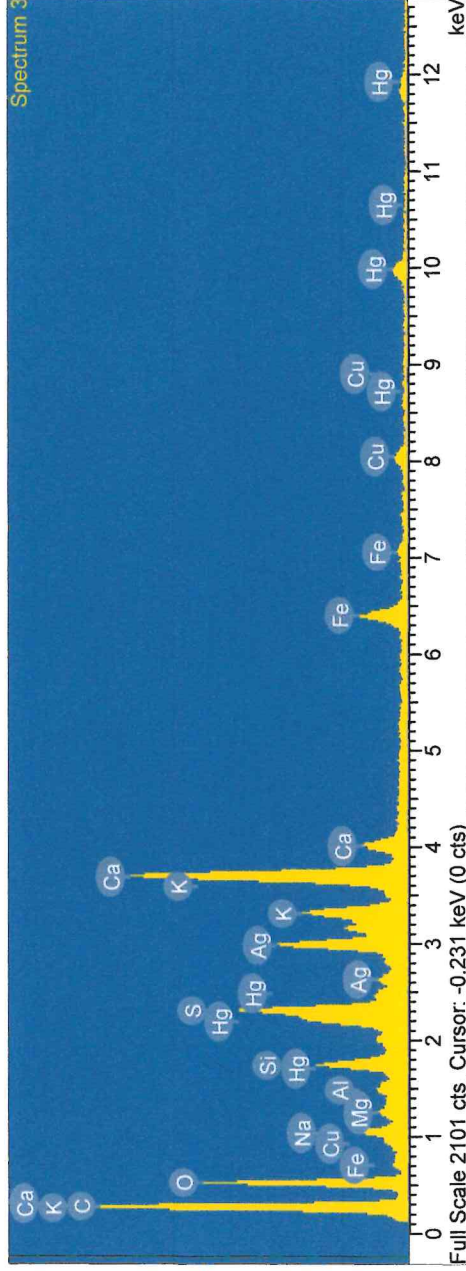
EDS spectrum of Sample 9, black ink from text, Spectrum 1. (MA47613)

MA47613

1/22/2009 5:05:54 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 9
Type: Default
ID: Black Ink Text



Full Scale 2101 cts Cursor: -0.231 keV (0 cts)

Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

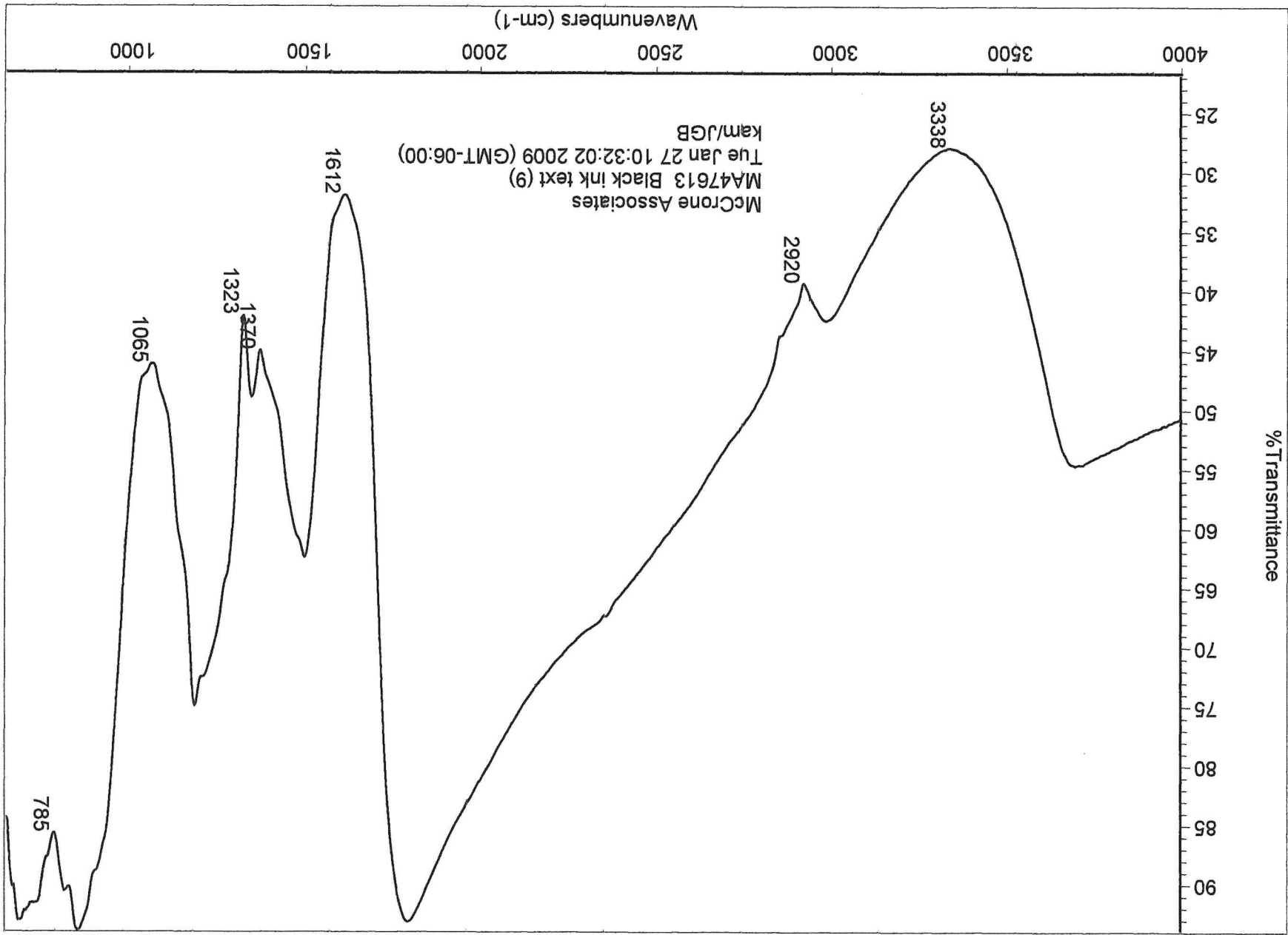
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- Al Al2O3 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Ag Ag 1-Jun-1999 12:00 AM
- Hg HgTe 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 108.23 | 0.7852 | 46.59 | 61.52 |
| O | 32.48 | 0.3441 | 31.90 | 31.62 |
| Na | 2.25 | 0.5966 | 1.27 | 0.88 |
| Mg | 0.37 | 0.5786 | 0.22 | 0.14 |
| Al | 0.32 | 0.7055 | 0.15 | 0.09 |
| Si | 2.40 | 0.8221 | 0.99 | 0.56 |
| S | 4.41 | 0.9224 | 1.62 | 0.80 |
| K | 4.38 | 1.0483 | 1.41 | 0.57 |
| Ca | 15.28 | 0.9436 | 5.47 | 2.17 |
| Fe | 4.56 | 0.8173 | 1.89 | 0.54 |
| Cu | 1.69 | 0.7897 | 0.72 | 0.18 |
| Ag | 11.94 | 0.8618 | 4.68 | 0.69 |
| Hg | 9.02 | 0.9868 | 3.09 | 0.24 |
| Totals | | | 100.00 | |

Comment:

FIGURE 9C
EDS spectrum of Sample 9, black ink from text, Spectrum 3. (MA47613)

FIGURE 9D – IR spectrum of Sample 9, black ink from text. (MA47613)

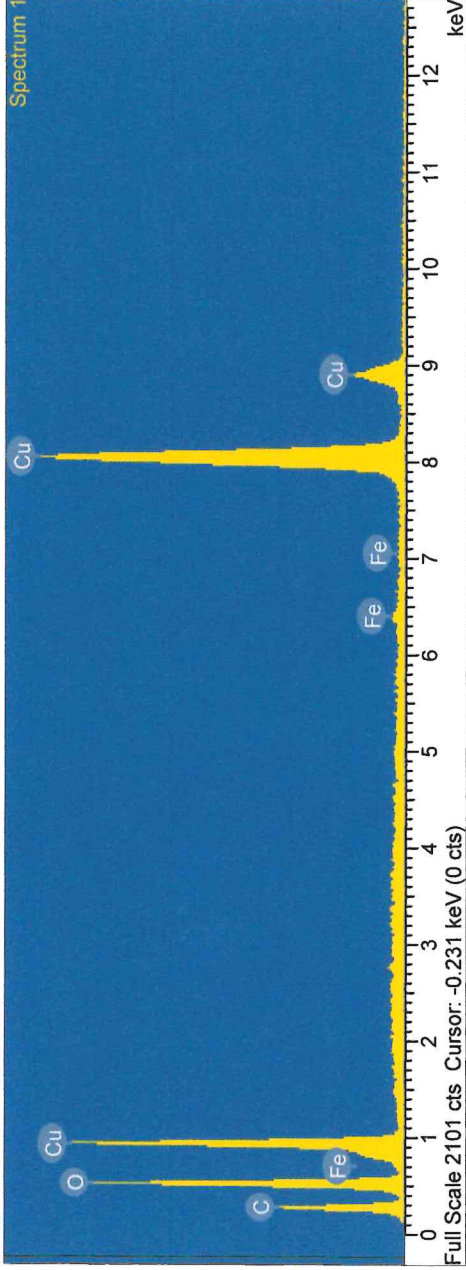


MA47613

1/22/2009 5:06:07 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 10
Type: Default
ID: Blue paint



Processing option : All elements analyzed (Normalised)

Number of iterations = 6

Standard :

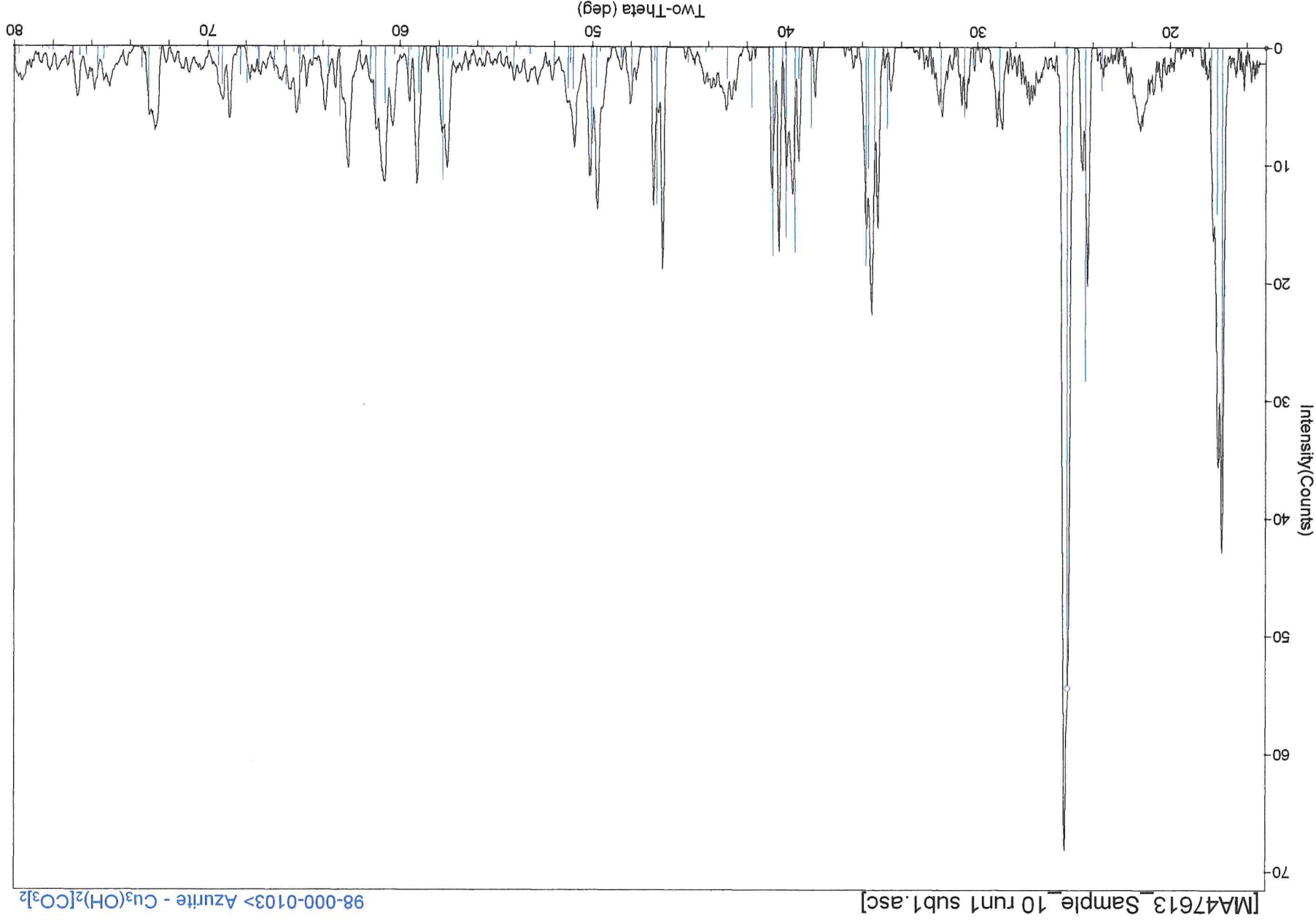
C CaCO3 1-Jun-1999 12:00 AM
O SiO2 1-Jun-1999 12:00 AM
Fe Fe 1-Jun-1999 12:00 AM
Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| C K | 25.81 | 0.4518 | 27.35 | 0.78 | 45.29 |
| O K | 47.80 | 0.6657 | 34.36 | 0.63 | 42.72 |
| Fe K | 0.59 | 1.0555 | 0.27 | 0.07 | 0.09 |
| Cu K | 67.38 | 0.8483 | 38.02 | 0.57 | 11.90 |
| Totals | | | 100.00 | | |

Comment:

FIGURE 10B
EDS spectrum of Sample 10, blue paint. (MA47613)

FIGURE 10C – XRD pattern of Sample 10, blue paint. (MA47613)

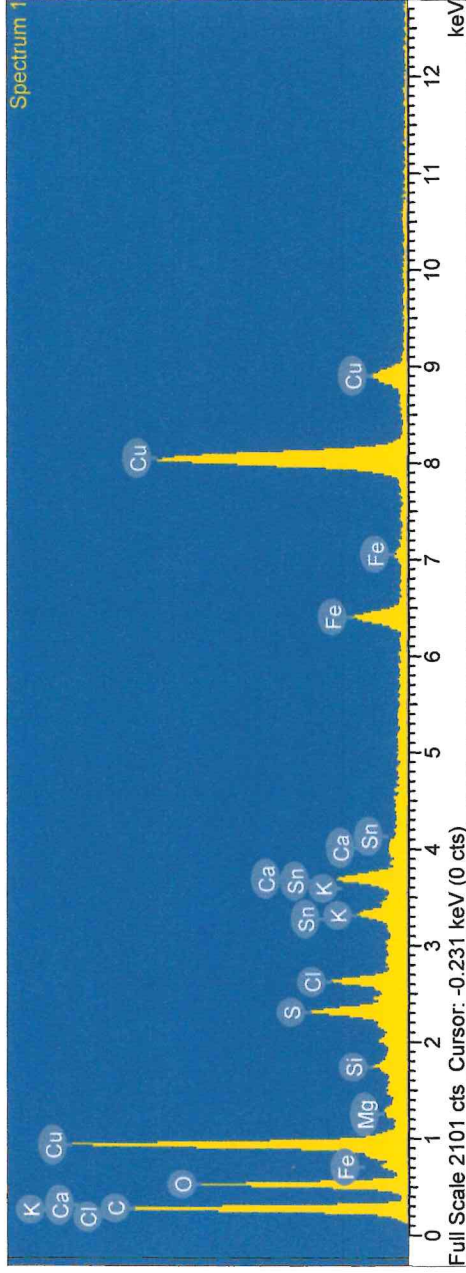


MA47613

1/22/2009 5:06:18 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 11
Type: Default
ID: Green paint



Full Scale 2101 cts Cursor: -0.231 keV (0 cts)

Spectrum processing :

Peak possibly omitted : 16.660 keV

Processing option : All elements analyzed (Normalised)

Number of iterations = 6

Standard :

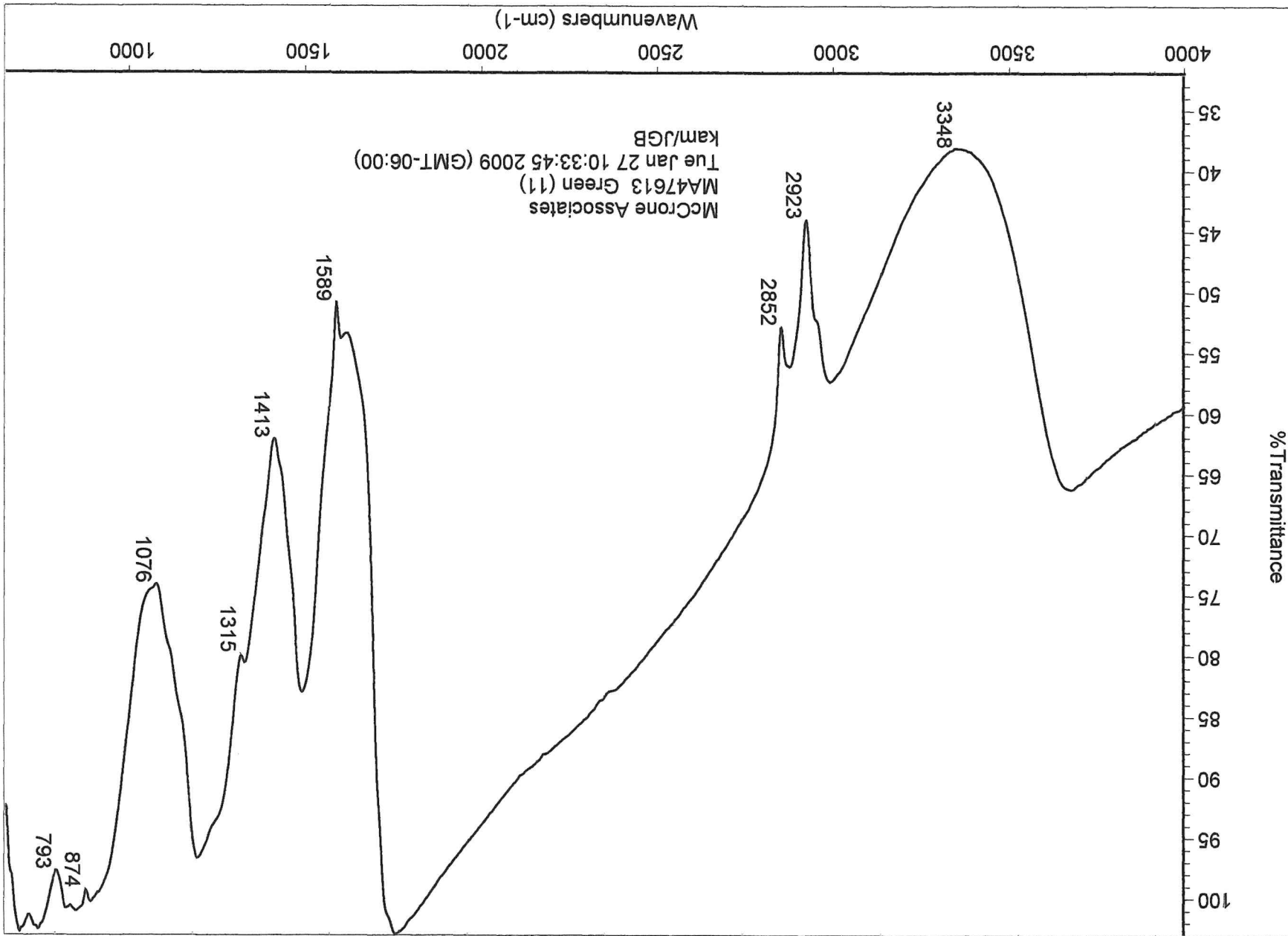
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Sn Sn 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 77.20 | 0.5463 | 48.28 | 66.10 |
| O | 30.81 | 0.4137 | 25.44 | 26.14 |
| Mg | 0.37 | 0.4361 | 0.29 | 0.20 |
| Si | 0.47 | 0.6808 | 0.24 | 0.14 |
| S | 2.79 | 0.8511 | 1.12 | 0.57 |
| Cl | 2.32 | 0.7667 | 1.03 | 0.48 |
| K | 1.92 | 1.0428 | 0.63 | 0.26 |
| Ca | 2.94 | 0.9984 | 1.01 | 0.41 |
| Fe | 5.57 | 0.9291 | 2.05 | 0.10 |
| Cu | 45.82 | 0.8072 | 19.39 | 5.02 |
| Sn | 1.29 | 0.8408 | 0.52 | 0.07 |
| Totals | | | 100.00 | |

Comment:

FIGURE 11B
EDS spectrum of Sample 11, green paint. (MA47613)

FIGURE 11C - IR spectrum of Sample 11, green paint. (MA47613)

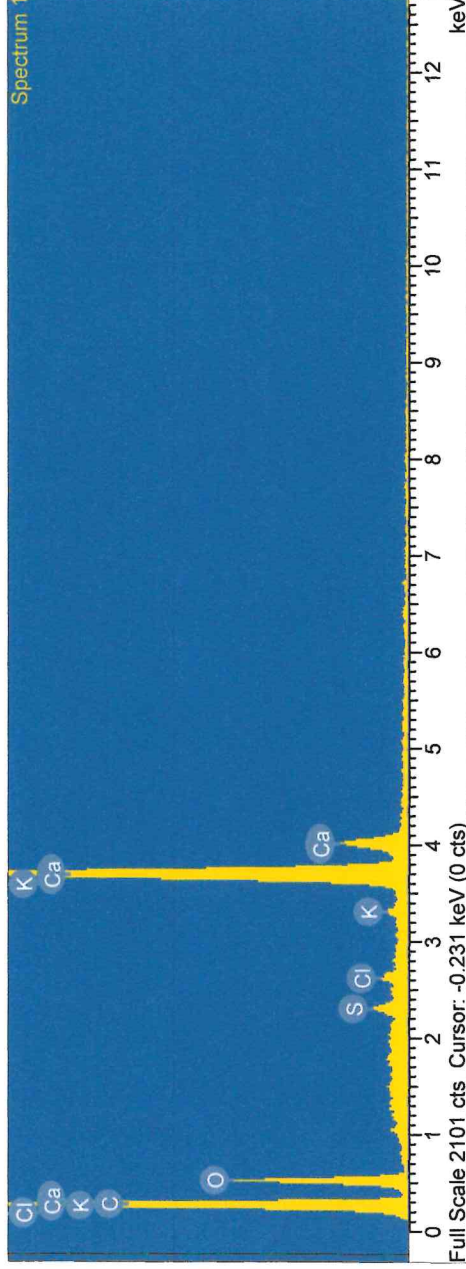


MA47613

1/22/2009 5:06:28 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 12
Type: Default
ID: Clear



Full Scale 2101 cts Cursor: -0.231 keV (0 cts)

Spectrum processing :

Peaks possibly omitted : 1.049, 6.680 keV

Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------------|---------------|---------|
| C K | 143.09 | 1.0833 | 53.76 | 0.92 | 64.57 |
| O K | 25.83 | 0.3041 | 34.57 | 0.89 | 31.18 |
| S K | 0.90 | 0.9636 | 0.38 | 0.05 | 0.17 |
| Cl K | 0.51 | 0.8461 | 0.25 | 0.04 | 0.10 |
| K K | 0.49 | 1.1193 | 0.18 | 0.04 | 0.07 |
| Ca K | 26.96 | 1.0096 | 10.87 | 0.24 | 3.91 |

Totals 100.00

Comment:

FIGURE 12A
EDS spectrum of Sample 12, clear material. (MA47613)

FIGURE 12B – IR spectrum of Sample 12, clear material. (MA47613)

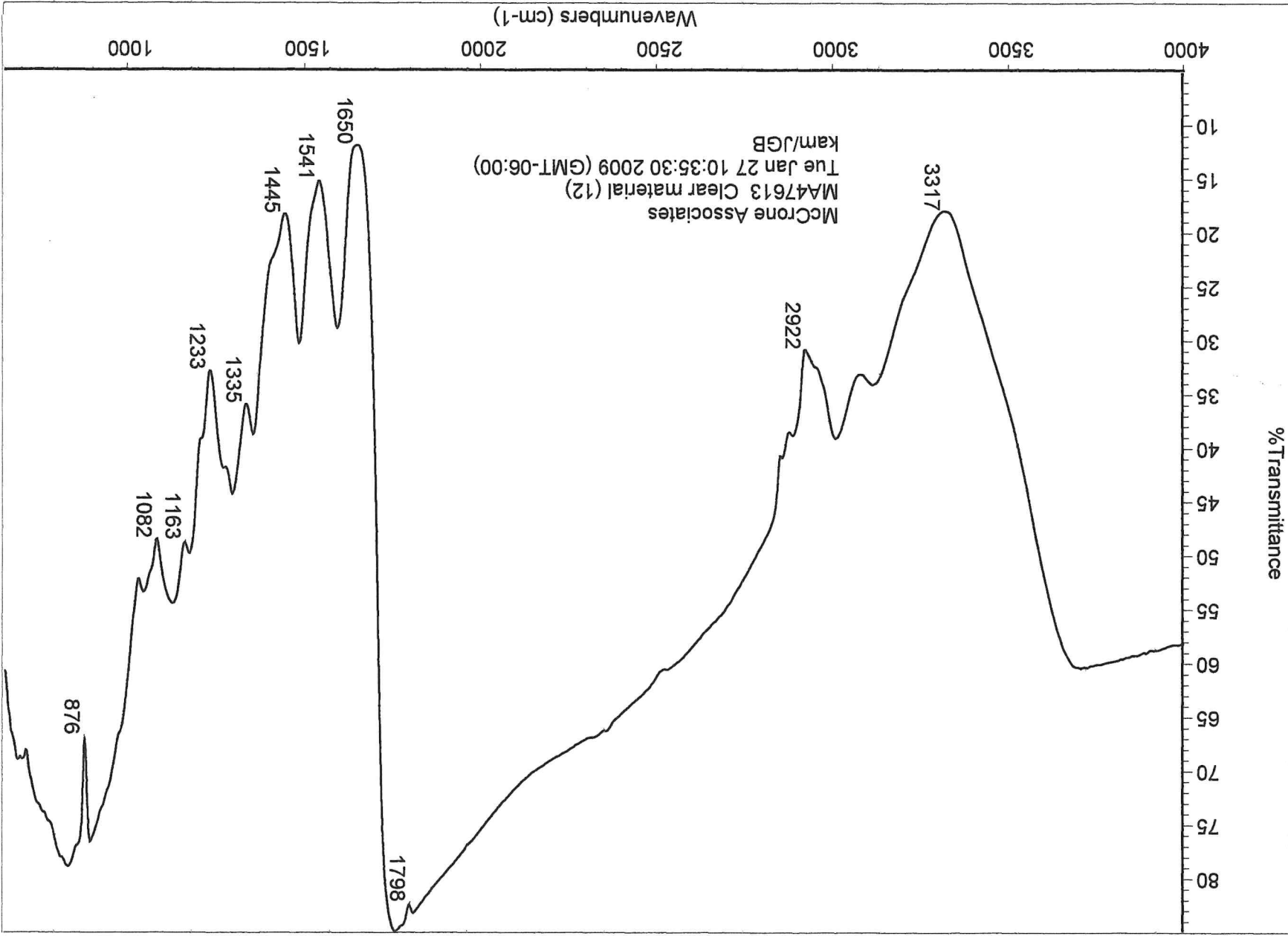


FIGURE 12C – IR reference spectrum of gelatin, a protein. (MA47613)

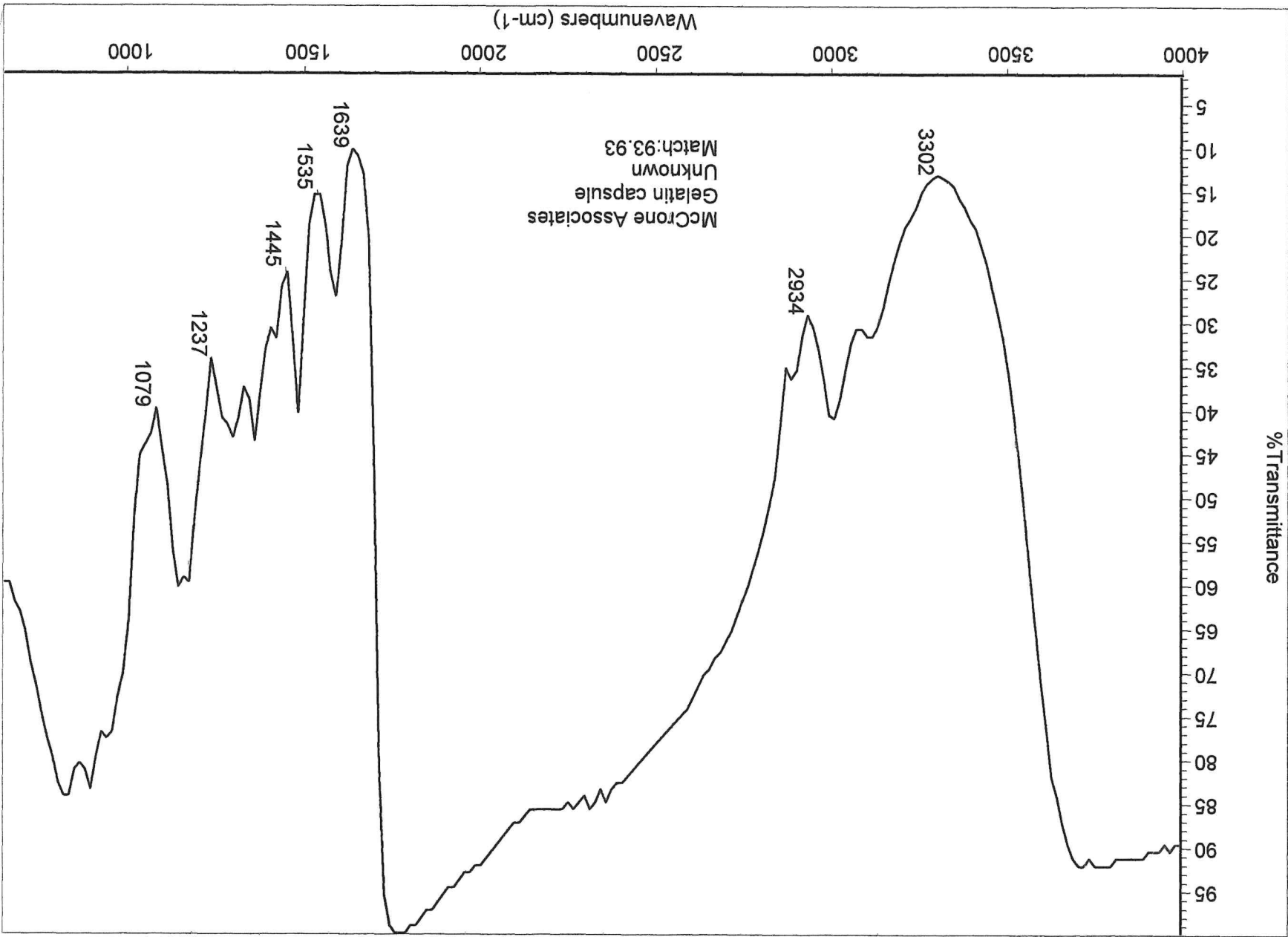
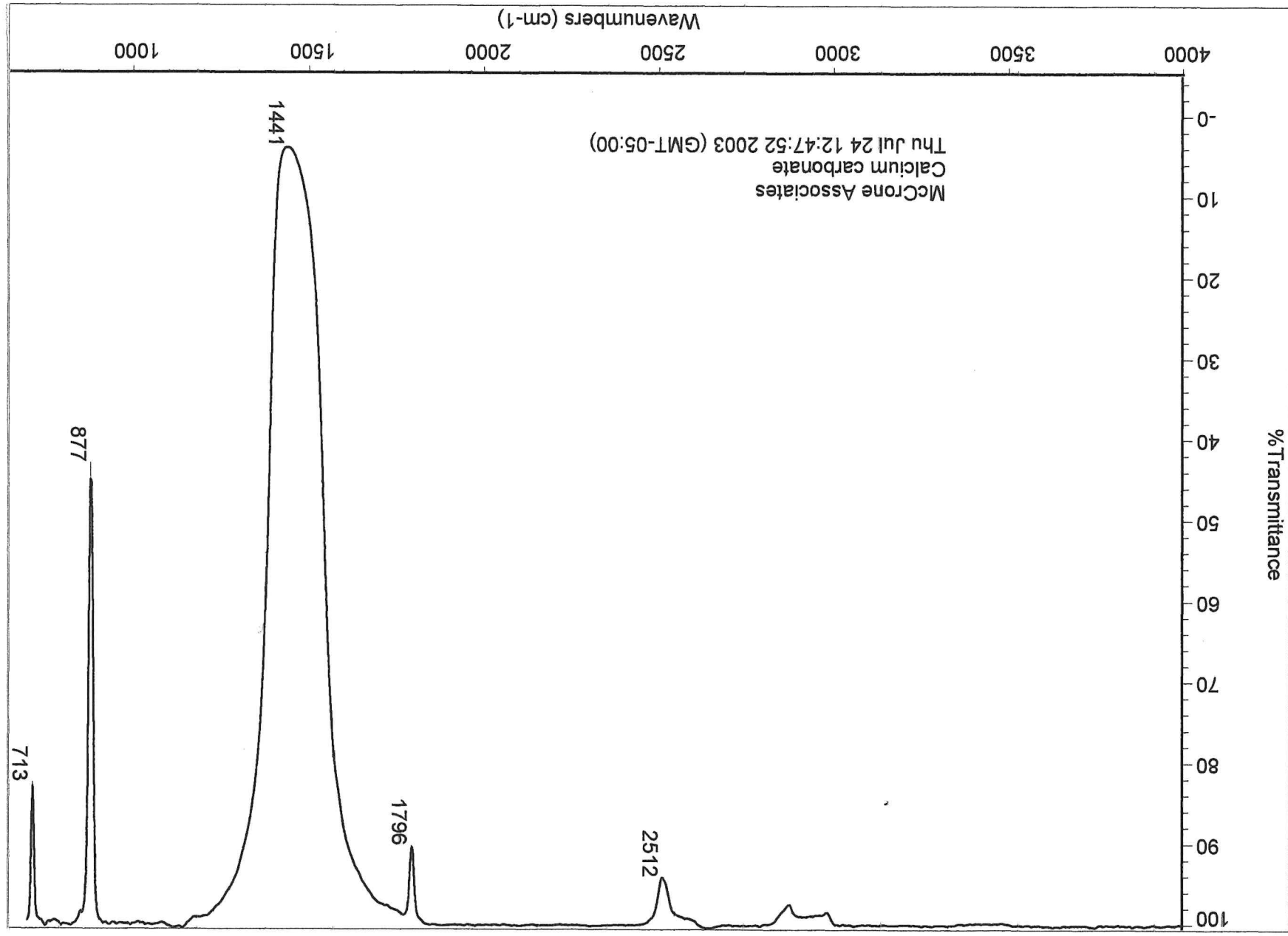


FIGURE 12D - IR reference spectrum of calcium carbonate. (MA47613)

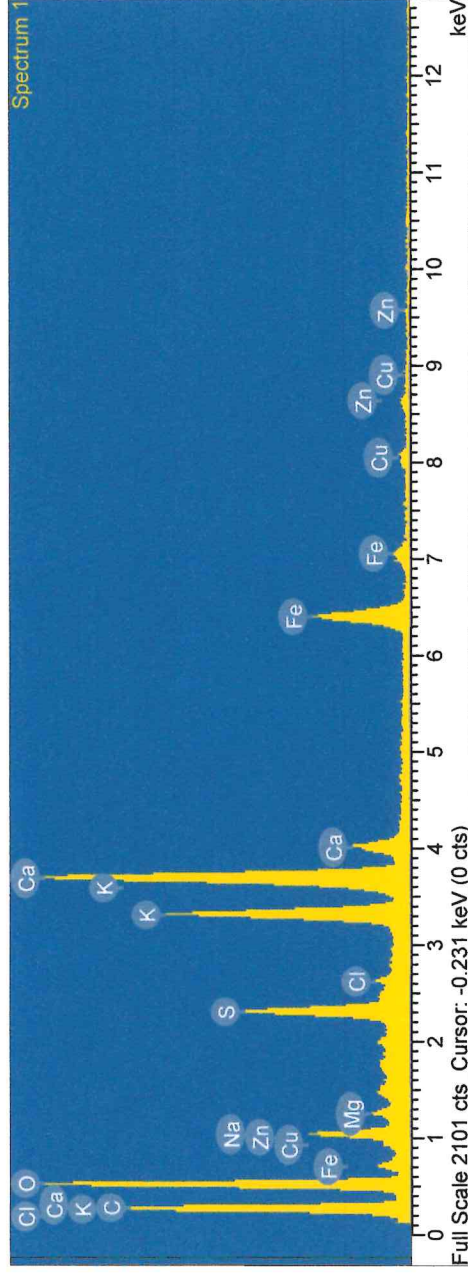


MA47613

1/22/2009 5:06:39 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 13
Type: Default
ID: Black ink text



Full Scale 2101 cts Cursor: -0.231 keV (0 cts)
Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

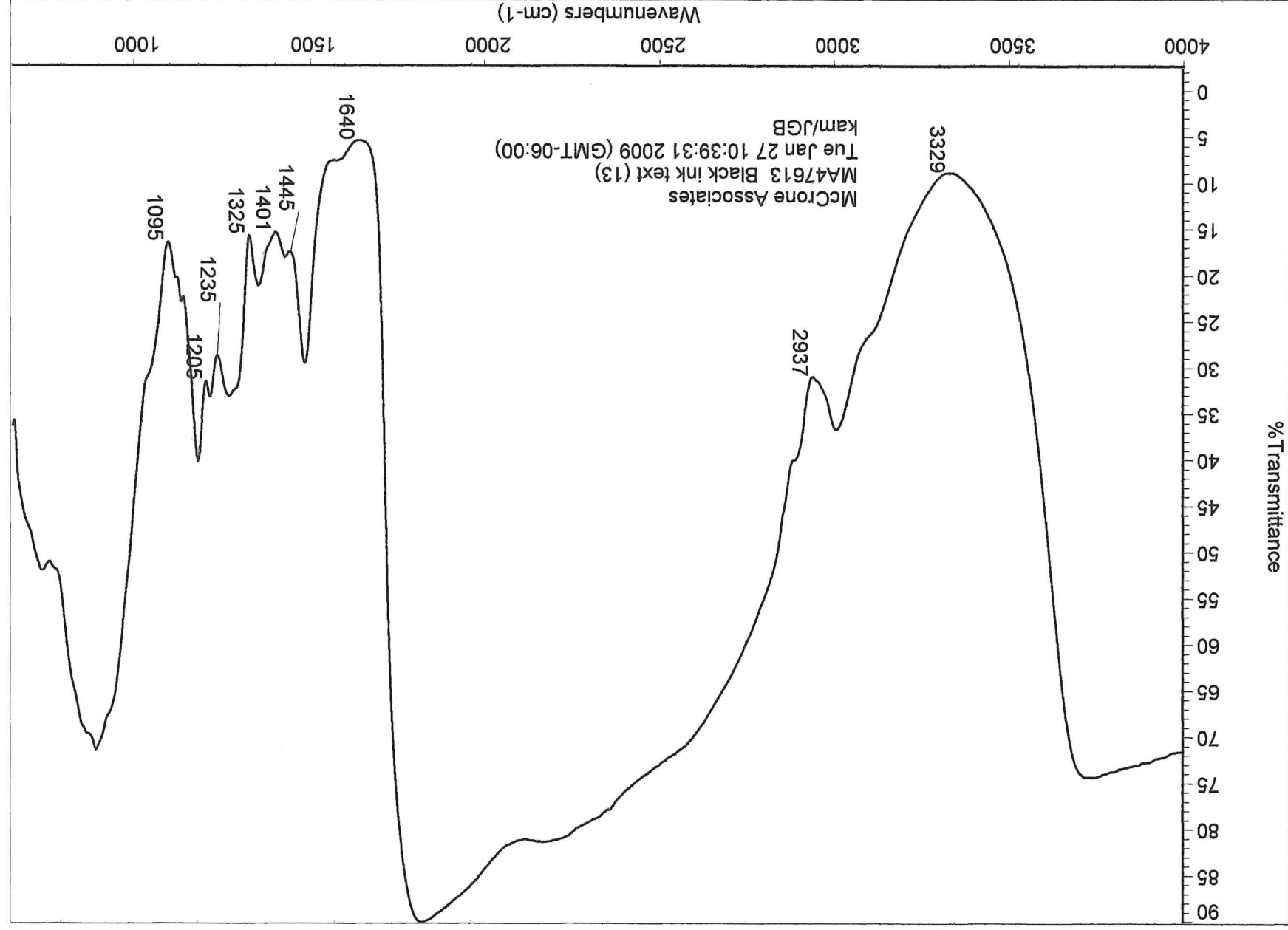
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Zn Zn 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 101.13 | 0.7195 | 38.67 | 50.21 |
| O | 64.83 | 0.4103 | 43.47 | 42.37 |
| Na | 4.63 | 0.5509 | 2.31 | 1.57 |
| Mg | 0.71 | 0.5324 | 0.37 | 0.24 |
| S | 6.02 | 0.9215 | 1.80 | 0.87 |
| Cl | 0.52 | 0.8054 | 0.18 | 0.08 |
| K | 12.32 | 1.0745 | 3.15 | 1.26 |
| Ca | 20.65 | 0.9817 | 5.79 | 2.25 |
| Fe | 10.13 | 0.8159 | 3.41 | 0.95 |
| Cu | 1.30 | 0.7790 | 0.46 | 0.11 |
| Zn | 1.11 | 0.7784 | 0.39 | 0.09 |
| Totals | | | 100.00 | |

Comment:

FIGURE 13B
EDS spectrum of Sample 13, black ink from text. (MA47613)

FIGURE 13C – IR spectrum of Sample 13, black ink from text. (MA47613)

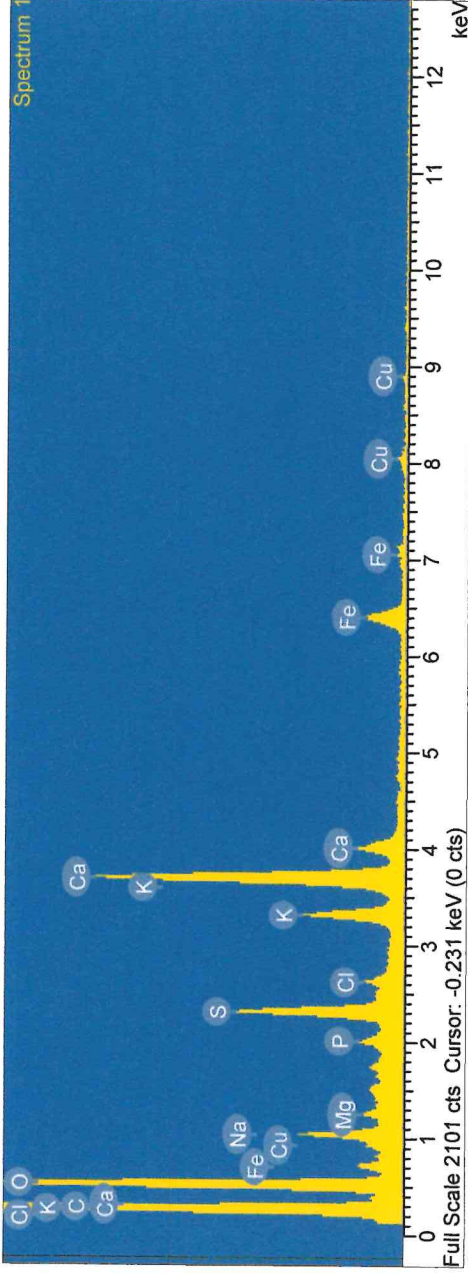


MA47613

1/22/2009 5:06:48 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 14
Type: Default
ID: Black Ink Drawing



Processing option : All elements analyzed (Normalised)
Number of iterations = 6

Standard :

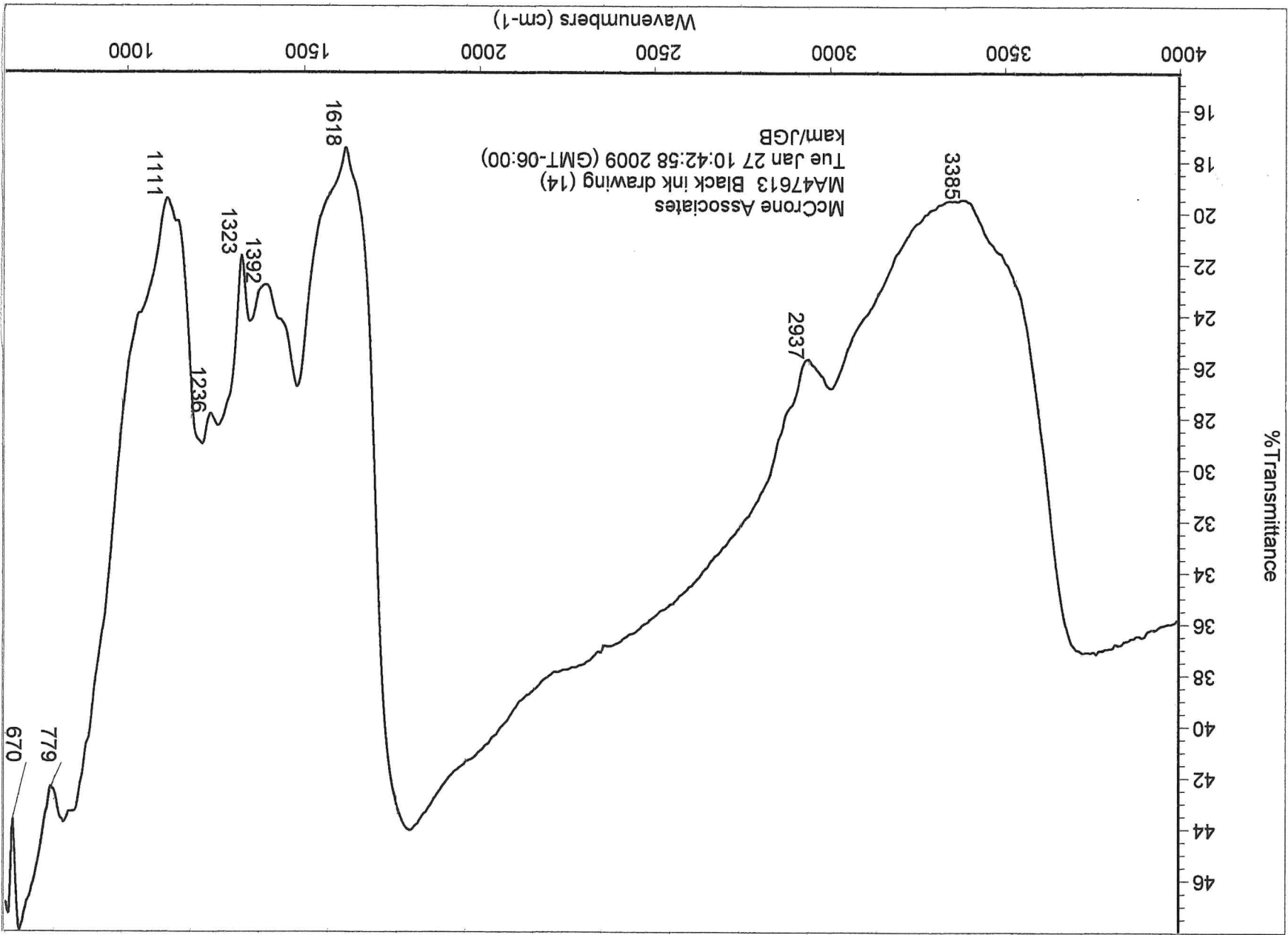
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------------|---------------|---------|
| C | 214.77 | 0.8478 | 47.18 | 0.70 | 56.55 |
| O | 98.11 | 0.4112 | 44.44 | 0.66 | 39.99 |
| Na | 4.61 | 0.5835 | 1.47 | 0.10 | 0.92 |
| Mg | 0.56 | 0.5714 | 0.18 | 0.04 | 0.11 |
| P | 1.17 | 1.2361 | 0.18 | 0.03 | 0.08 |
| S | 6.11 | 0.9321 | 1.22 | 0.04 | 0.55 |
| Cl | 0.68 | 0.8118 | 0.16 | 0.02 | 0.06 |
| K | 4.75 | 1.0670 | 0.83 | 0.03 | 0.31 |
| Ca | 16.78 | 0.9925 | 3.15 | 0.07 | 1.13 |
| Fe | 4.07 | 0.8087 | 0.94 | 0.05 | 0.24 |
| Cu | 1.02 | 0.7718 | 0.25 | 0.05 | 0.06 |
| Totals | | | 100.00 | | |

Comment:

FIGURE 14B
EDS spectrum of Sample 14, black ink from drawing. (MA47613)

FIGURE 14C – IR spectrum of Sample 14, black ink from drawing. (MA47613)

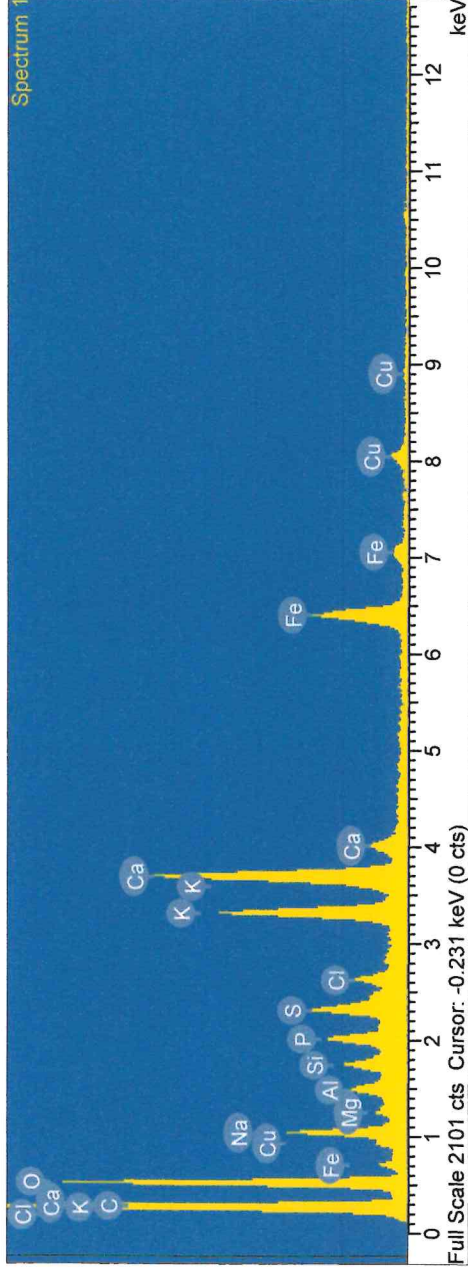


MA47613

1/22/2009 5:06:57 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 15
Type: Default
ID: Black Ink Page Number



Processing option : All elements analyzed (Normalised)

Number of iterations = 6

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 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
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

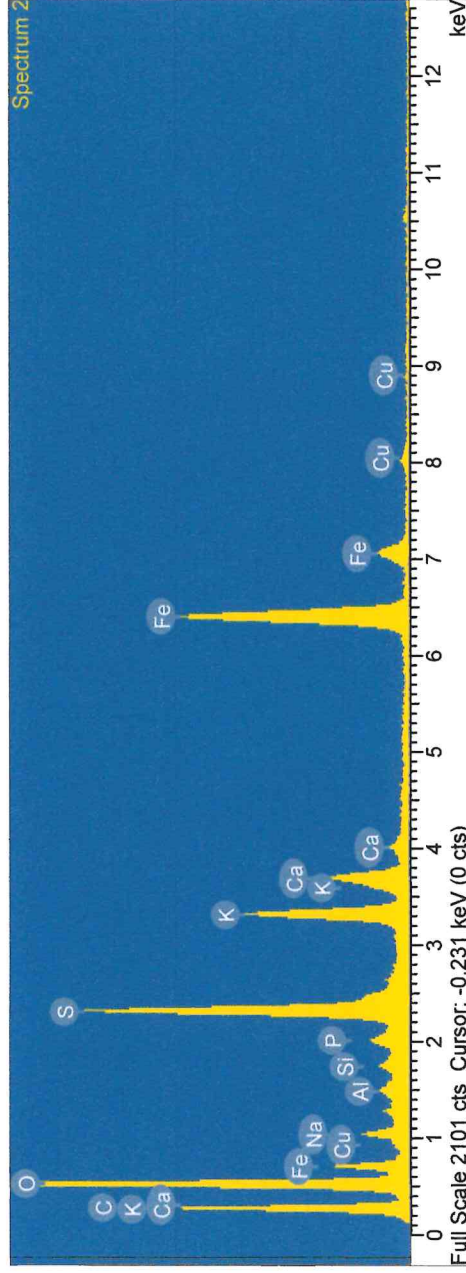
| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C K | 145.70 | 0.7573 | 48.68 | 60.07 |
| O K | 54.30 | 0.3771 | 36.43 | 33.75 |
| Na K | 6.20 | 0.5928 | 2.64 | 1.70 |
| Mg K | 0.40 | 0.5626 | 0.18 | 0.05 |
| Al K | 1.08 | 0.6909 | 0.40 | 0.05 |
| Si K | 1.29 | 0.8013 | 0.41 | 0.04 |
| P K | 3.39 | 1.2136 | 0.71 | 0.05 |
| S K | 2.67 | 0.9150 | 0.74 | 0.05 |
| Cl K | 1.32 | 0.8083 | 0.41 | 0.04 |
| K K | 9.46 | 1.0659 | 2.25 | 0.07 |
| Ca K | 13.29 | 0.9844 | 3.42 | 0.09 |
| Fe K | 9.80 | 0.8144 | 3.05 | 0.10 |
| Cu K | 2.11 | 0.7747 | 0.69 | 0.08 |
| Totals | | | 100.00 | |

Comment:

EDS spectrum of Sample 15, black ink from page number, Spectrum 1. (MA47613)

Project: MA47613
 Owner: jbarabe
 Site: Site of Interest 1

Sample: Sample 15
 Type: Default
 ID: Black Ink Page Number



Processing option : All elements analyzed (Normalised)
 Number of iterations = 6

Standard :

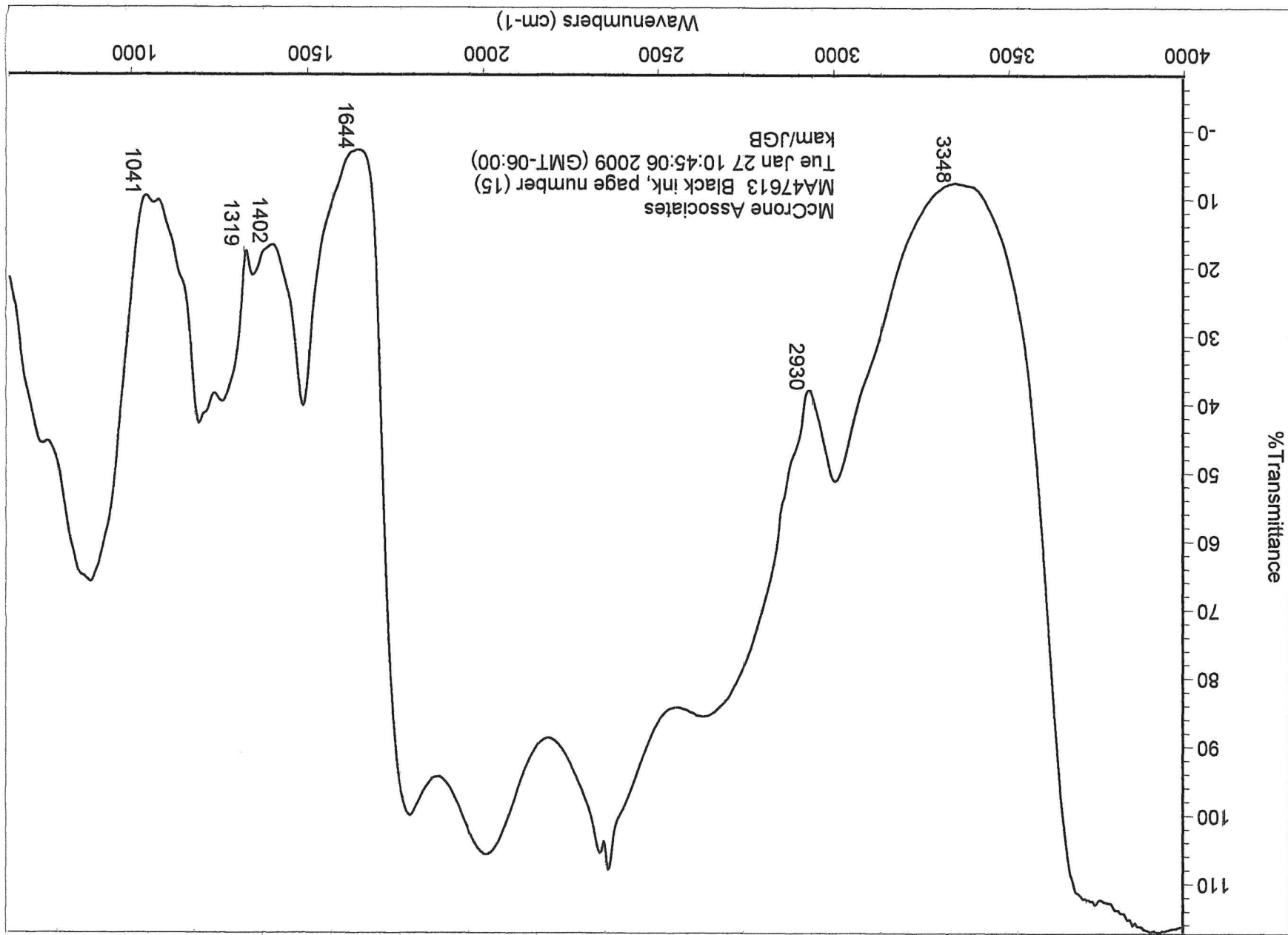
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Al Al2O3 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 63.36 | 0.5564 | 34.85 | 46.65 |
| O | 75.79 | 0.5099 | 45.49 | 45.71 |
| Na | 2.03 | 0.5053 | 1.23 | 0.86 |
| Al | 0.36 | 0.6392 | 0.17 | 0.10 |
| Si | 0.45 | 0.7607 | 0.18 | 0.10 |
| P | 1.02 | 1.1782 | 0.26 | 0.14 |
| S | 12.00 | 0.9027 | 4.07 | 2.04 |
| K | 8.73 | 1.0459 | 2.55 | 1.05 |
| Ca | 3.99 | 0.9805 | 1.25 | 0.50 |
| Fe | 26.00 | 0.8270 | 9.62 | 2.77 |
| Cu | 0.84 | 0.7796 | 0.33 | 0.08 |
| Totals | | | 100.00 | |

Comment:

EDS spectrum of Sample 15, black ink from page number, Spectrum 2. (MA47613)

FIGURE 15D - IR spectrum of Sample 15, black ink from page number. (MA47613)

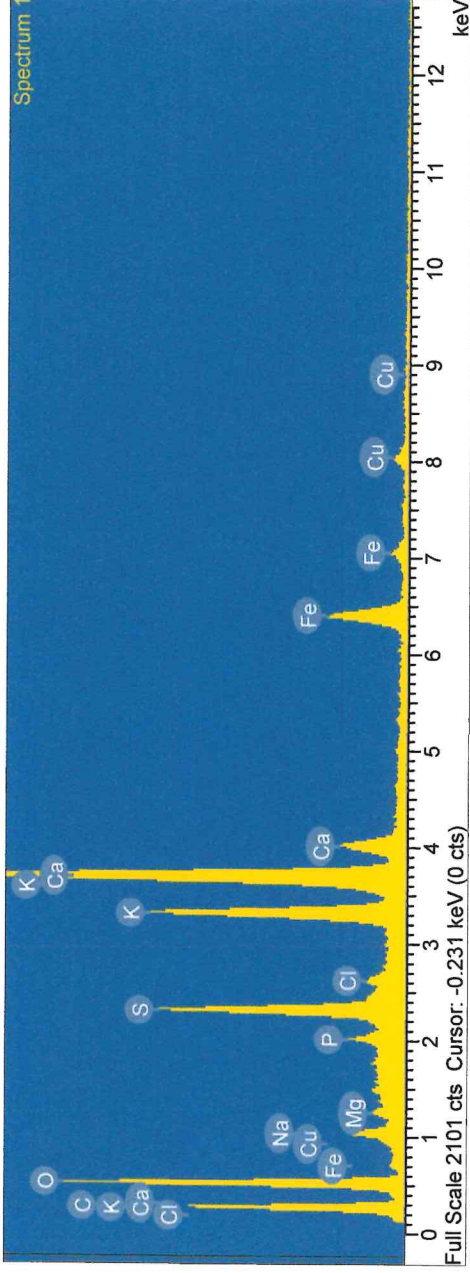


MA47613

1/22/2009 5:07:12 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 16
Type: Default
ID: Black Ink Text



Processing option : All elements analyzed (Normalised)
Number of iterations = 4

Standard :

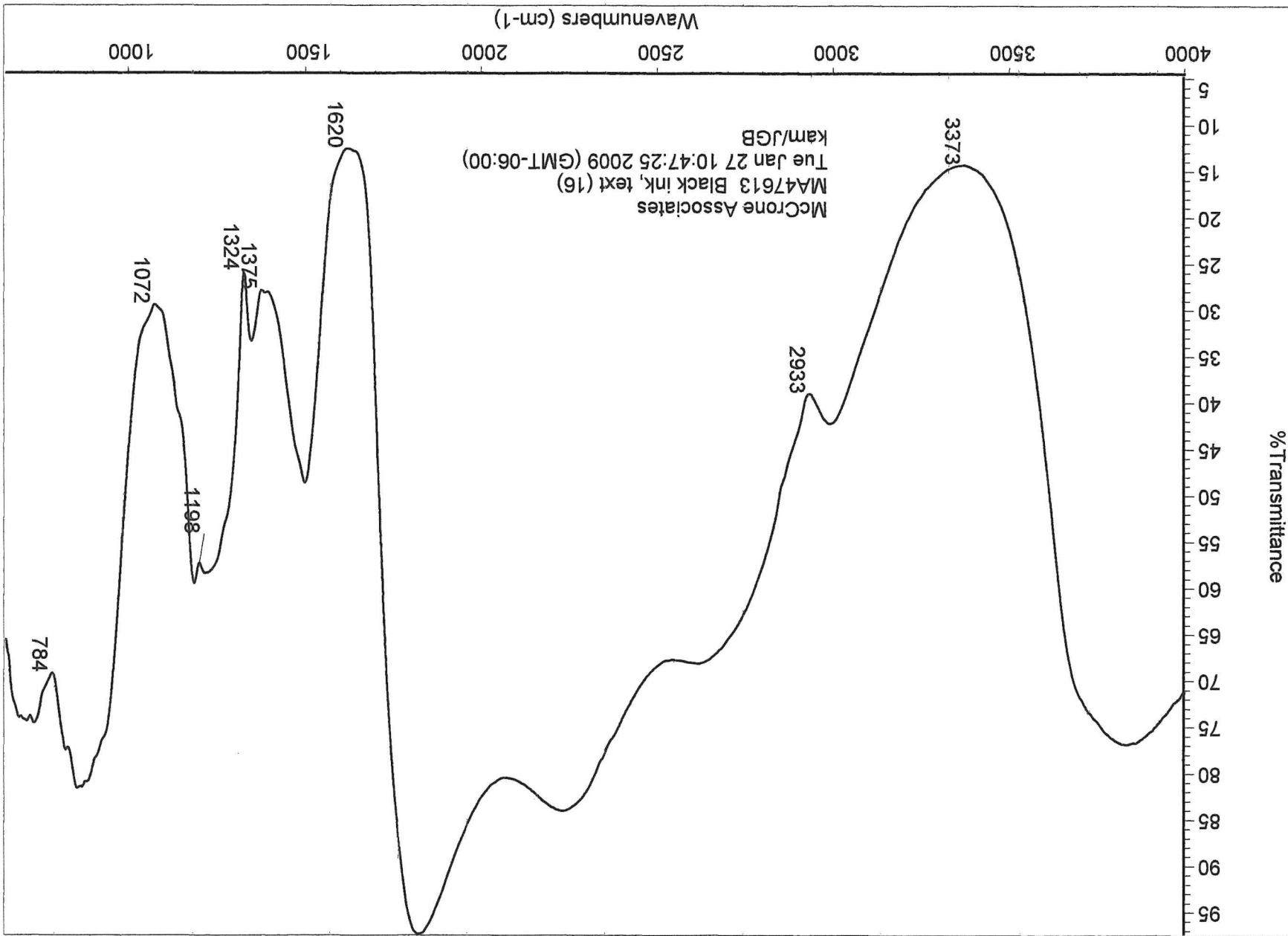
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 62.38 | 0.6202 | 33.19 | 1.10 |
| O | 52.86 | 0.3933 | 44.33 | 0.88 |
| Na | 2.27 | 0.5398 | 1.39 | 0.15 |
| Mg | 0.53 | 0.5353 | 0.32 | 0.07 |
| P | 1.54 | 1.2144 | 0.42 | 0.06 |
| S | 8.72 | 0.9244 | 3.11 | 0.10 |
| Cl | 0.69 | 0.7967 | 0.28 | 0.05 |
| K | 13.21 | 1.0745 | 4.06 | 0.11 |
| Ca | 25.82 | 0.9728 | 8.75 | 0.20 |
| Fe | 8.48 | 0.8143 | 3.43 | 0.13 |
| Cu | 1.69 | 0.7823 | 0.71 | 0.10 |
| Totals | | | 100.00 | |

Comment:

FIGURE 16A
EDS spectrum of Sample 16, black ink from text. (MA47613)

FIGURE 16B - IR spectrum of Sample 16, black ink from text. (MA47613)

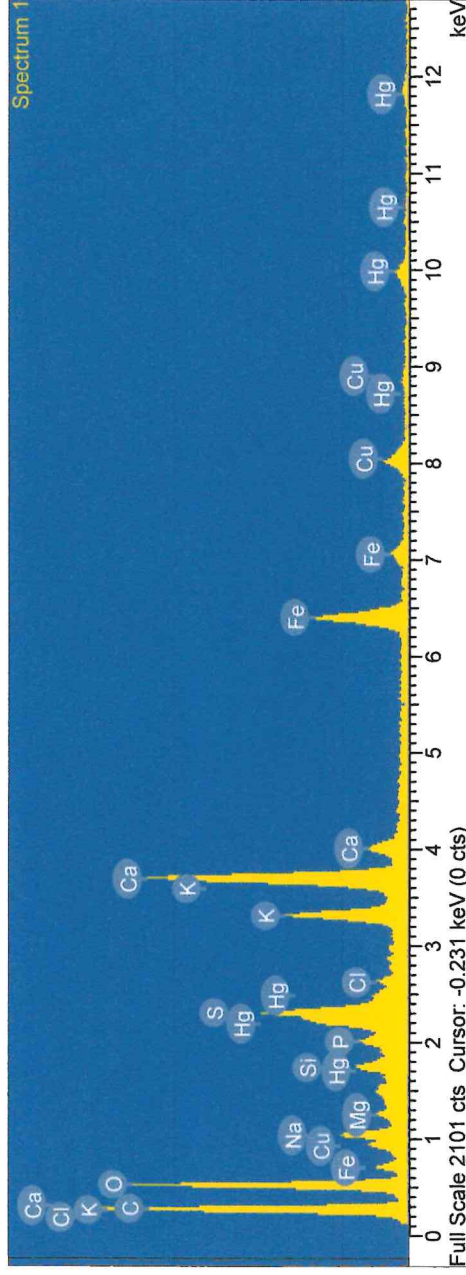


MA47613

1/22/2009 5:07:33 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 17
Type: Default
ID: Black Ink Drawing



Full Scale 2101 cts Cursor: -0.231 keV (0 cts)

Spectrum processing :

No peaks omitted

Processing option : All elements analyzed (Normalised)

Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Hg HgTe 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| C | 92.09 | 0.7226 | 43.66 | 1.01 | 56.77 |
| O | 43.10 | 0.3963 | 37.24 | 0.84 | 36.36 |
| Na | 3.12 | 0.5685 | 1.88 | 0.16 | 1.28 |
| Mg | 0.45 | 0.5495 | 0.28 | 0.07 | 0.18 |
| Si | 1.02 | 0.7982 | 0.44 | 0.05 | 0.24 |
| P | 1.41 | 1.2207 | 0.40 | 0.06 | 0.20 |
| S | 3.11 | 0.9083 | 1.17 | 0.08 | 0.57 |
| Cl | 0.42 | 0.7816 | 0.19 | 0.04 | 0.08 |
| K | 5.78 | 1.0466 | 1.89 | 0.08 | 0.76 |
| Ca | 13.88 | 0.9748 | 4.88 | 0.13 | 1.90 |
| Fe | 9.67 | 0.8226 | 4.03 | 0.14 | 1.13 |
| Cu | 3.16 | 0.7837 | 1.38 | 0.12 | 0.34 |
| Hg | 7.26 | 0.9689 | 2.57 | 0.27 | 0.20 |
| Totals | | | 100.00 | | |

Comment:

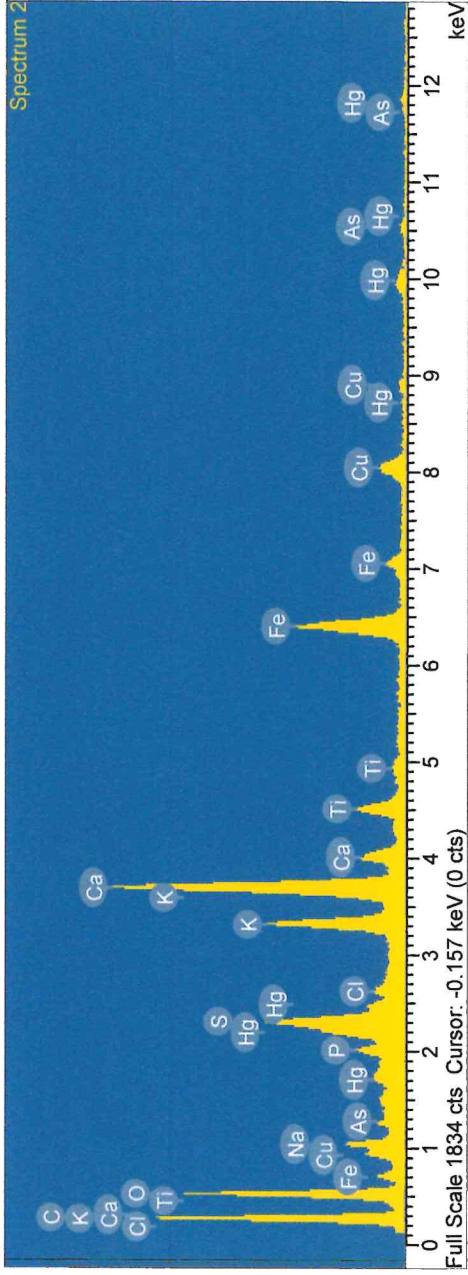
FIGURE 17B
EDS spectrum of Sample 17, black ink from drawing, Spectrum 1. (MA47613)

MA47613

1/22/2009 4:10:26 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 17
Type: Default
ID: Black Ink Drawing



Full Scale 1834 cts Cursor: -0.157 keV (0 cts)

Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Ti Ti 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- As InAs 1-Jun-1999 12:00 AM
- Hg HgTe 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| C K | 53.22 | 0.6495 | 37.79 | 1.72 | 52.70 |
| O K | 30.72 | 0.3929 | 36.05 | 1.24 | 37.75 |
| Na K | 2.30 | 0.5406 | 1.96 | 0.20 | 1.43 |
| P K | 1.39 | 1.1950 | 0.53 | 0.08 | 0.29 |
| S K | 2.80 | 0.8954 | 1.44 | 0.11 | 0.75 |
| Cl K | 0.37 | 0.7732 | 0.22 | 0.06 | 0.11 |
| K K | 5.83 | 1.0496 | 2.56 | 0.12 | 1.10 |
| Ca K | 13.58 | 0.9762 | 6.41 | 0.22 | 2.68 |
| Ti K | 2.30 | 0.8056 | 1.32 | 0.09 | 0.46 |
| Fe K | 10.23 | 0.8312 | 5.68 | 0.23 | 1.70 |
| Cu K | 3.93 | 0.7943 | 2.28 | 0.17 | 0.60 |
| As K | 1.41 | 0.7172 | 0.90 | 0.21 | 0.20 |
| Hg M | 5.90 | 0.9528 | 2.86 | 0.34 | 0.24 |
| Totals | | | 100.00 | | |

Comment:

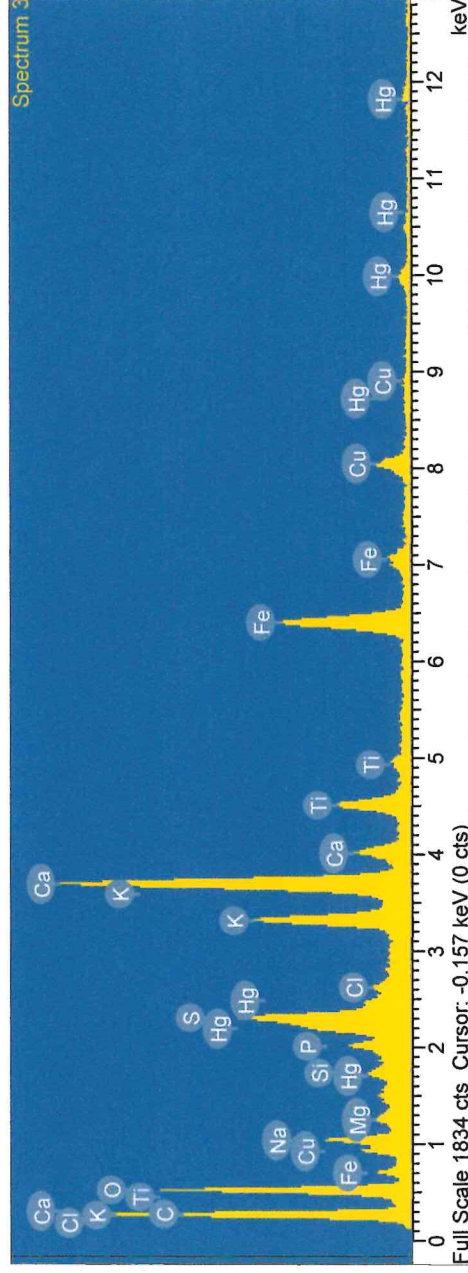
EDS spectrum of Sample 17, black ink from drawing, Spectrum 2. (MA47613)

MA47613

1/22/2009 4:12:02 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 17
Type: Default
ID: Black Ink Drawing



Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Ti Ti 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Hg HgTe 1-Jun-1999 12:00 AM

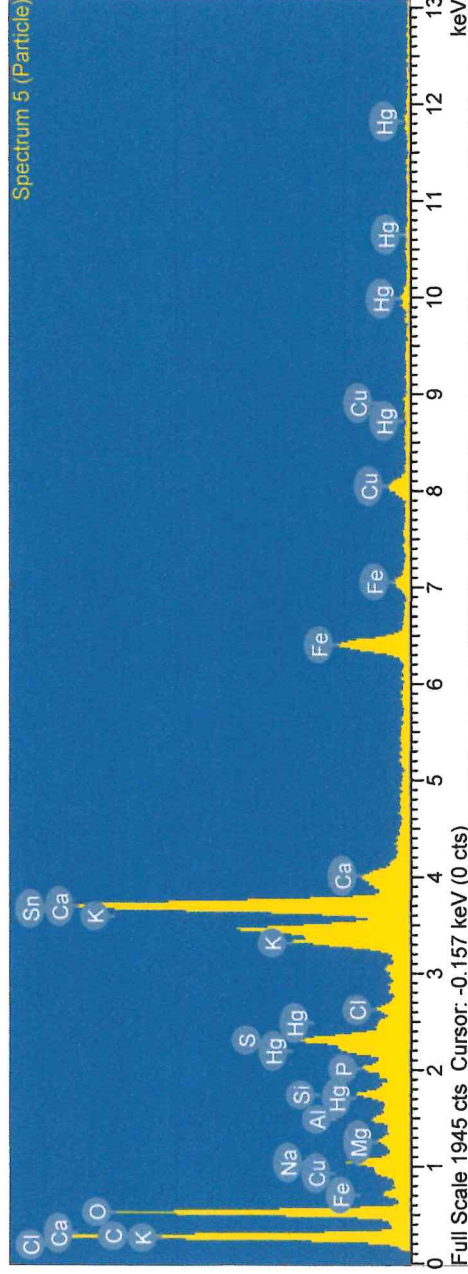
| Element | App Conc. | Intensity Corr. | Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------|---------------|---------|
| C | 66.71 | 0.6543 | 38.99 | 1.50 | 54.05 |
| O | 34.43 | 0.3825 | 34.42 | 1.09 | 35.82 |
| Na | 3.61 | 0.5452 | 2.53 | 0.19 | 1.83 |
| Mg | 0.43 | 0.5220 | 0.31 | 0.08 | 0.22 |
| Si | 0.45 | 0.7747 | 0.22 | 0.06 | 0.13 |
| P | 1.64 | 1.2022 | 0.52 | 0.07 | 0.28 |
| Cl | 3.44 | 0.8992 | 1.46 | 0.10 | 0.76 |
| K | 0.45 | 0.7750 | 0.22 | 0.05 | 0.10 |
| Ca | 6.62 | 1.0508 | 2.41 | 0.10 | 1.03 |
| Ti | 16.23 | 0.9782 | 6.34 | 0.20 | 2.63 |
| Fe | 3.70 | 0.8060 | 1.75 | 0.10 | 0.61 |
| Cu | 12.63 | 0.8284 | 5.83 | 0.21 | 1.74 |
| Hg | 4.40 | 0.7904 | 2.13 | 0.15 | 0.56 |
| Hg M | 7.17 | 0.9572 | 2.86 | 0.32 | 0.24 |
| Totals | | | 100.00 | | |

Comment:

FIGURE 17D
EDS spectrum of Sample 17, black ink from drawing, Spectrum 3. (MA47613)

Project: MA47613
 Owner: jbarabe
 Site: Site of Interest 1

Sample: Sample 17
 Type: Default
 ID: Black Ink Drawing



Processing option : All elements analyzed (Normalised)
 Number of iterations = 5

Standard :

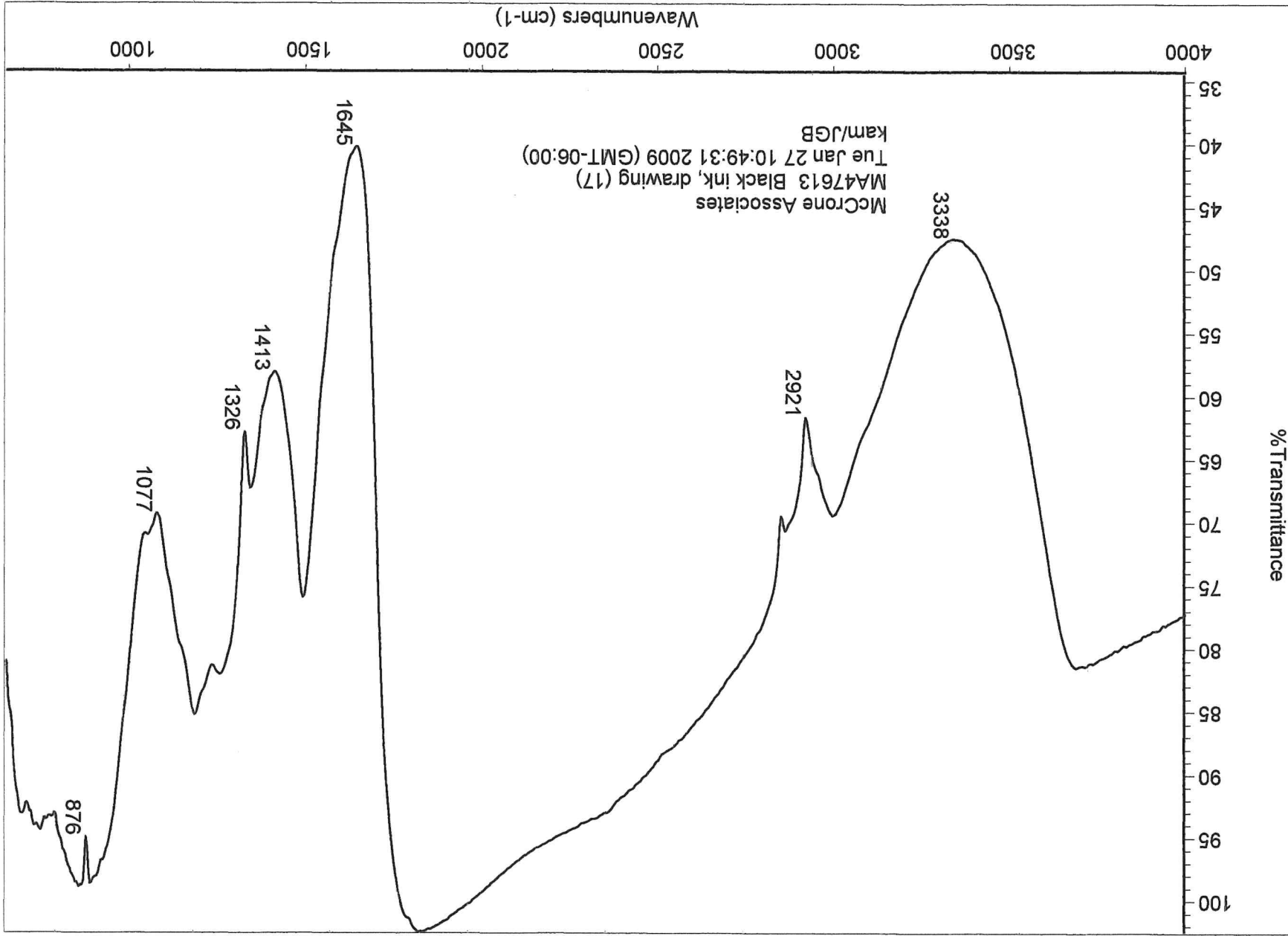
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Mg MgO 1-Jun-1999 12:00 AM
- Al Al2O3 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Sn Sn 1-Jun-1999 12:00 AM
- Hg HgTe 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------------|---------------|---------|
| C K | 83.75 | 0.7667 | 38.30 | 1.15 | 53.17 |
| O K | 41.48 | 0.3870 | 37.58 | 0.91 | 39.17 |
| Na K | 2.27 | 0.5347 | 1.49 | 0.16 | 1.08 |
| Mg K | 0.33 | 0.5216 | 0.22 | 0.08 | 0.15 |
| Al K | 0.46 | 0.6469 | 0.25 | 0.06 | 0.15 |
| Si K | 0.87 | 0.7662 | 0.40 | 0.06 | 0.24 |
| P K | 1.28 | 1.1845 | 0.38 | 0.06 | 0.20 |
| S K | 2.28 | 0.9016 | 0.89 | 0.07 | 0.46 |
| Cl K | 0.55 | 0.7953 | 0.24 | 0.04 | 0.11 |
| K K | 4.86 | 1.0676 | 1.60 | 0.10 | 0.68 |
| Ca K | 14.34 | 0.9974 | 5.04 | 0.16 | 2.10 |
| Fe K | 7.31 | 0.8229 | 3.11 | 0.13 | 0.93 |
| Cu K | 3.03 | 0.7952 | 1.34 | 0.12 | 0.35 |
| Sn L | 18.78 | 0.8502 | 7.74 | 0.33 | 1.09 |
| Hg M | 3.89 | 0.9528 | 1.43 | 0.25 | 0.12 |
| Totals | | | 100.00 | | |

Comment:

FIGURE 17E
 EDS spectrum of Sample 17, black ink from drawing, Spectrum 4. (MA47613)

FIGURE 17F – IR spectrum of Sample 17, black ink from drawing. (MA47613)

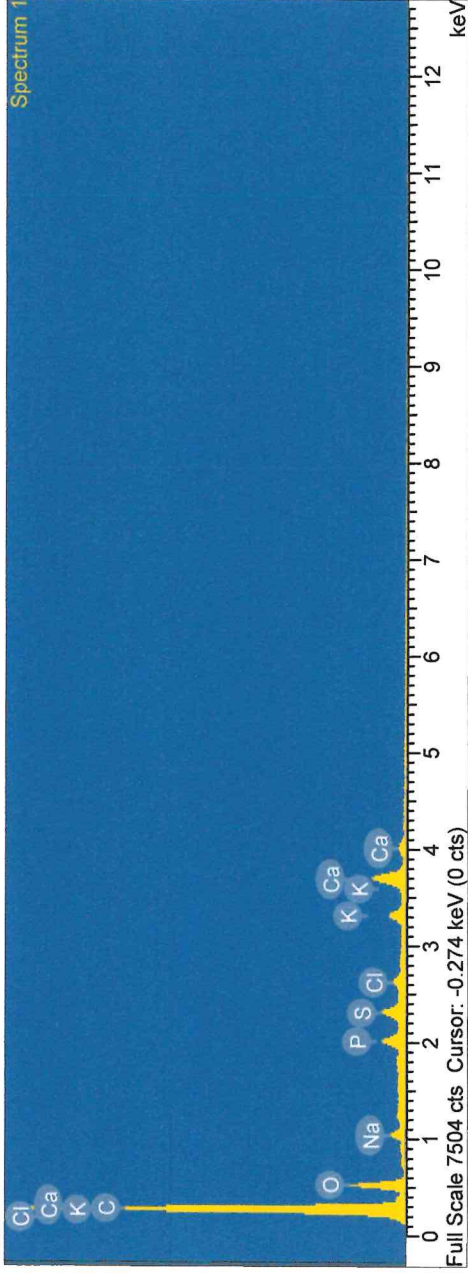


MA47613

1/22/2009 4:21:25 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 18
Type: Default
ID: White from Drawing



Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM

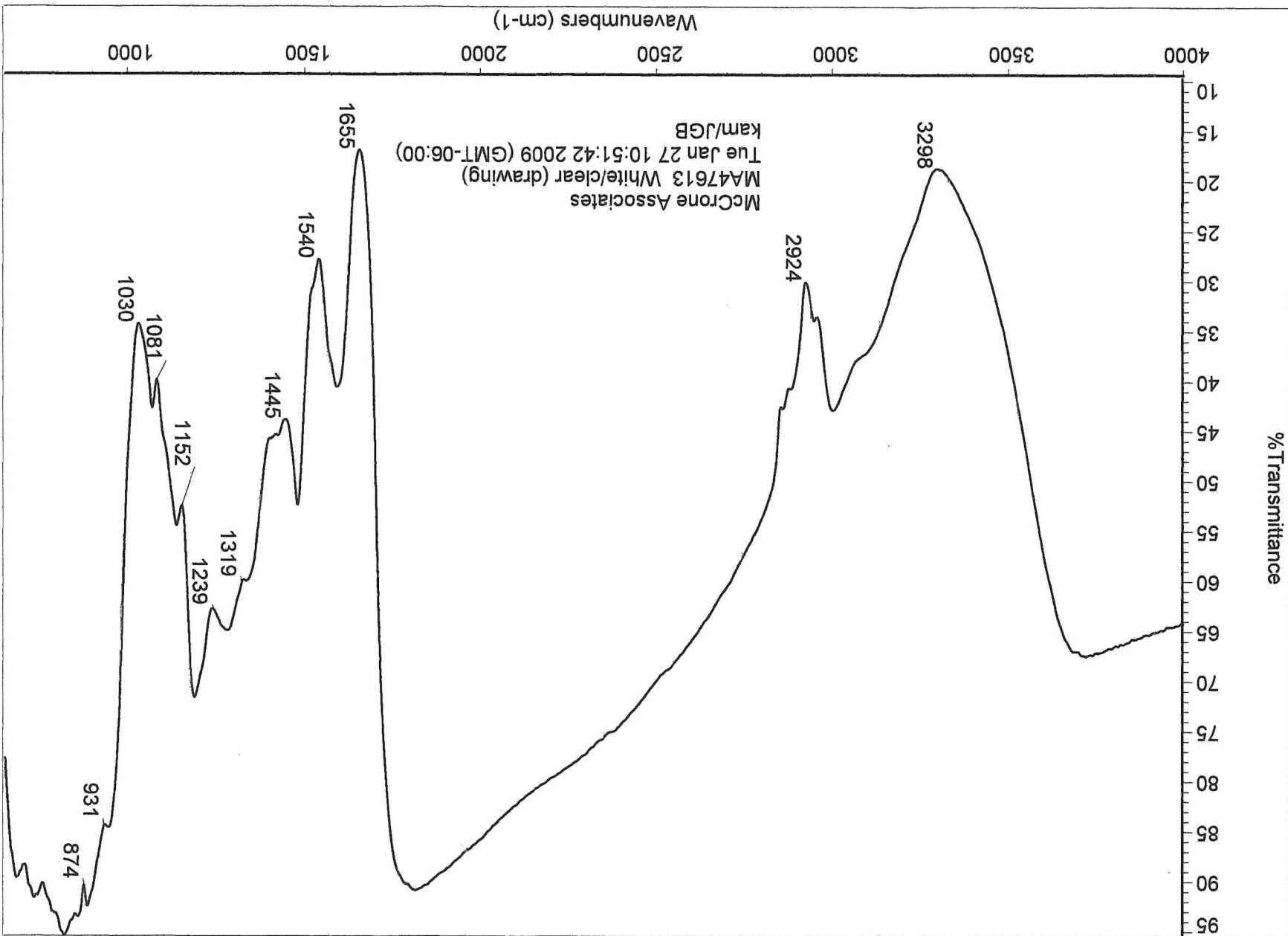
| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C K | 373.92 | 1.1491 | 72.06 | 78.80 |
| O K | 30.95 | 0.2879 | 23.81 | 19.55 |
| Na K | 2.33 | 0.6995 | 0.74 | 0.42 |
| P K | 3.71 | 1.3183 | 0.62 | 0.26 |
| S K | 2.51 | 0.9647 | 0.58 | 0.24 |
| Cl K | 0.98 | 0.8337 | 0.26 | 0.10 |
| K K | 2.46 | 1.0677 | 0.51 | 0.17 |
| Ca K | 6.40 | 0.9933 | 1.43 | 0.47 |

Totals 100.00

Comment:

FIGURE 18A
EDS spectrum of Sample 18, white from drawing. (MA47613)

FIGURE 18B – IR spectrum of Sample 18, white from drawing. (MA47613)

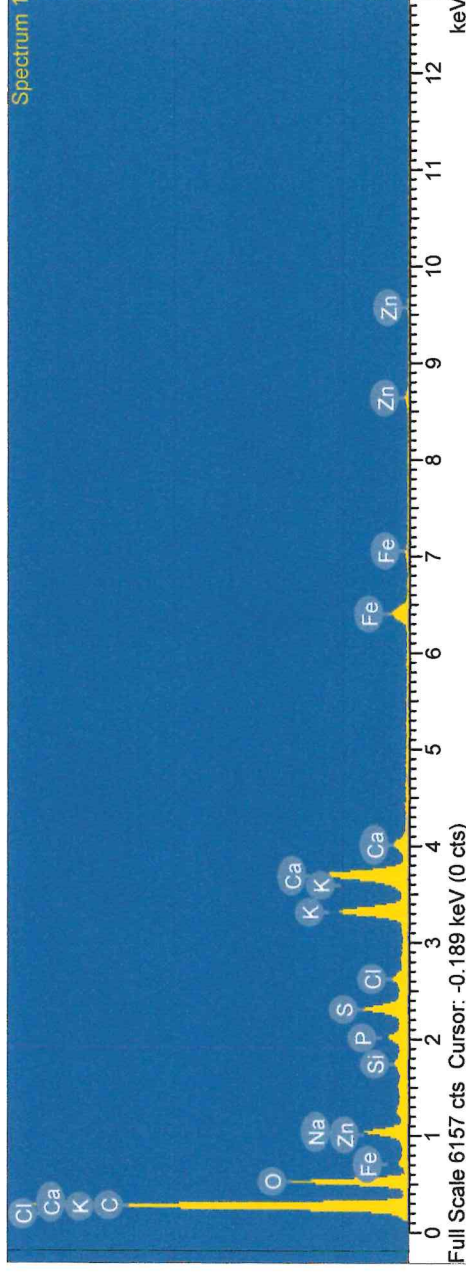


MA47613

1/22/2009 4:26:59 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 19
Type: Default
ID: Black Ink Quire



Full Scale 6157 cts Cursor: -0.189 keV (0 cts)

Spectrum processing :

Peak possibly omitted : 1.250 keV

Processing option : All elements analyzed (Normalised)
Number of iterations = 4

Standard :

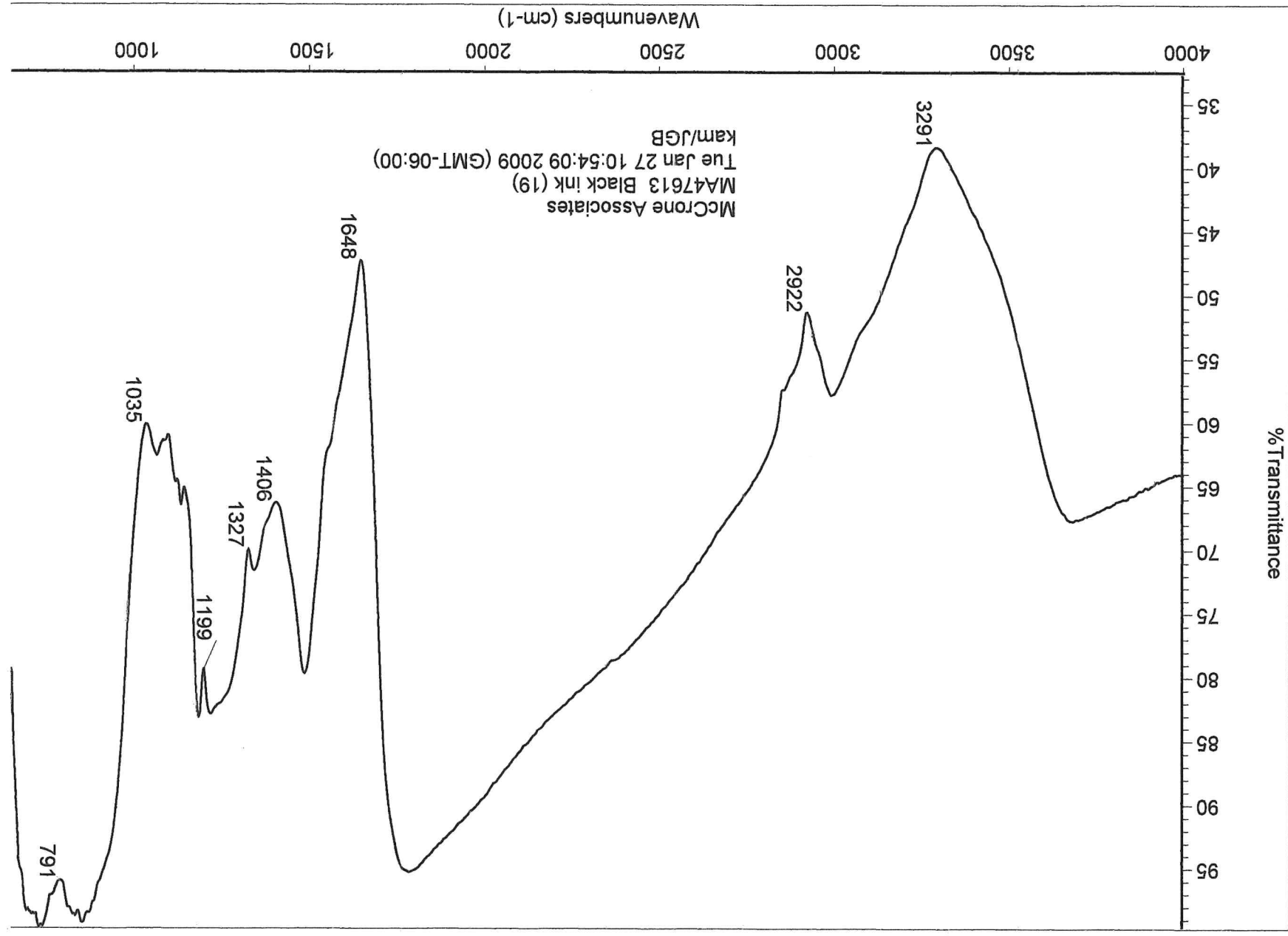
- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 1-Jun-1999 12:00 AM
- Si SiO2 1-Jun-1999 12:00 AM
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Zn Zn 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 292.29 | 0.9474 | 59.36 | 69.11 |
| O | 53.25 | 0.3284 | 31.19 | 27.26 |
| Na | 4.86 | 0.6333 | 1.48 | 0.90 |
| Si | 0.41 | 0.8456 | 0.09 | 0.05 |
| P | 1.98 | 1.2668 | 0.30 | 0.14 |
| S | 4.34 | 0.9465 | 0.88 | 0.39 |
| Cl | 1.05 | 0.8240 | 0.24 | 0.10 |
| K | 10.80 | 1.0707 | 1.94 | 0.69 |
| Ca | 13.68 | 0.9863 | 2.67 | 0.93 |
| Fe | 5.43 | 0.8069 | 1.29 | 0.32 |
| Zn | 2.21 | 0.7662 | 0.55 | 0.12 |
| Totals | | | 100.00 | |

Comment:

FIGURE 19B
EDS spectrum of Sample 19, black ink from quire. (MA47613)

FIGURE 19C - IR spectrum of Sample 19, black ink from quire. (MA47613)

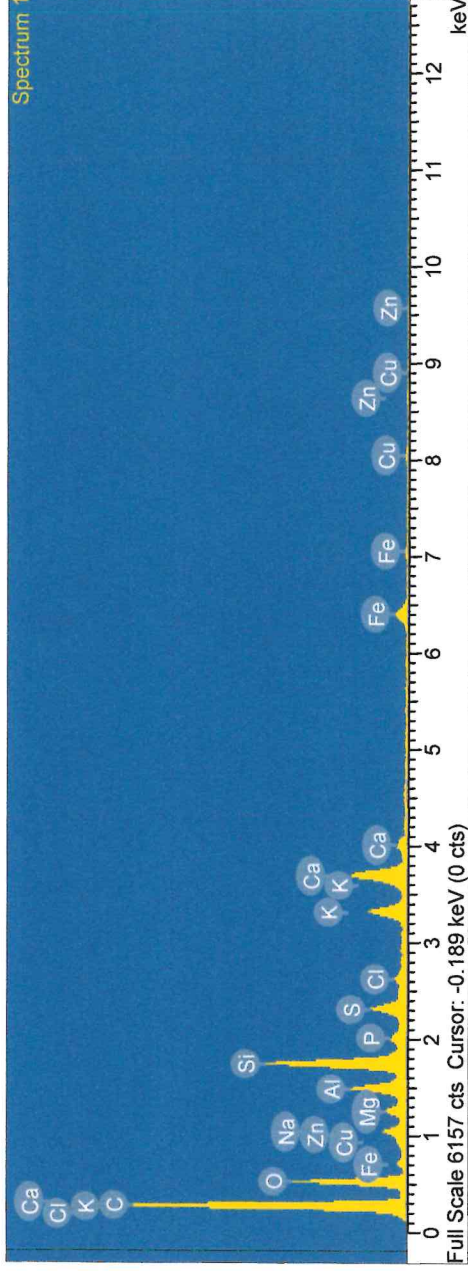


MA47613

1/22/2009 4:52:20 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 20
Type: Default
ID: Black Ink "a"



Processing option : All elements analyzed (Normalised)
Number of iterations = 6

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 1-Jun-1999 12:00 AM
- Na Albite 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
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM
- Zn Zn 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C K | 260.20 | 0.7838 | 60.85 | 70.39 |
| O K | 52.03 | 0.3281 | 29.07 | 25.25 |
| Na K | 2.78 | 0.6670 | 0.76 | 0.46 |
| Mg K | 1.48 | 0.6465 | 0.42 | 0.24 |
| Al K | 4.55 | 0.7658 | 1.09 | 0.56 |
| Si K | 13.64 | 0.8502 | 2.94 | 1.45 |
| P K | 1.31 | 1.2057 | 0.20 | 0.09 |
| S K | 3.32 | 0.9117 | 0.67 | 0.29 |
| Cl K | 0.64 | 0.8017 | 0.15 | 0.06 |
| K K | 5.50 | 1.0516 | 0.96 | 0.34 |
| Ca K | 8.85 | 0.9829 | 1.65 | 0.57 |
| Fe K | 3.59 | 0.8070 | 0.82 | 0.20 |
| Cu K | 0.95 | 0.7683 | 0.23 | 0.05 |
| Zn K | 0.87 | 0.7657 | 0.21 | 0.04 |
| Totals | | | 100.00 | |

Comment:

FIGURE 20B EDS spectrum of Sample 20, black ink from "a", Spectrum 1. (MA47613)

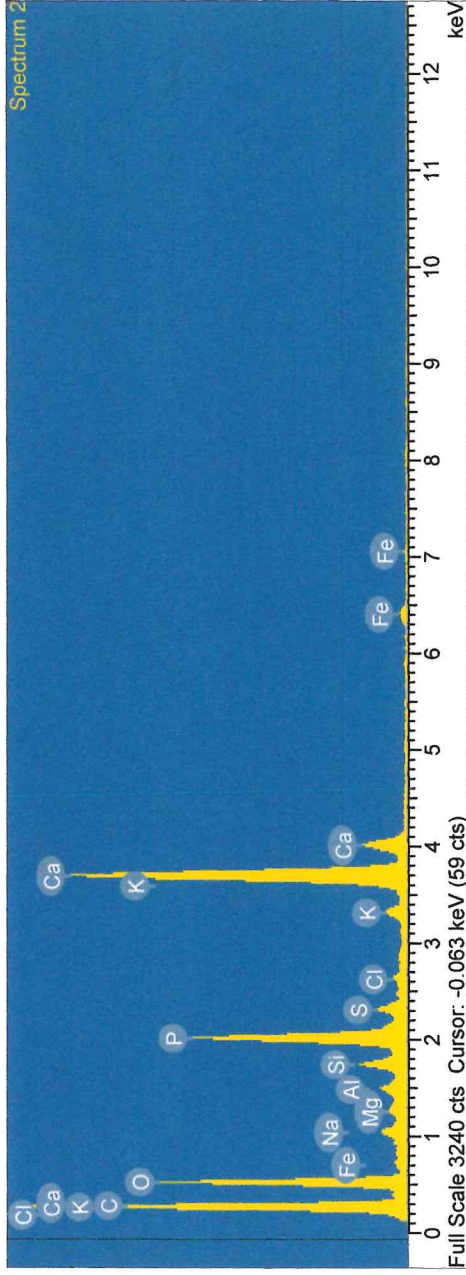


MA47613

1/22/2009 4:54:28 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 20
Type: Default
ID: Black Ink "a"



Processing option : All elements analyzed (Normalised)

Number of iterations = 5

Standard :

C CaCO3 1-Jun-1999 12:00 AM
O SiO2 1-Jun-1999 12:00 AM
Na Albite 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
P GaP 1-Jun-1999 12:00 AM
S FeS2 1-Jun-1999 12:00 AM
Cl KCl 1-Jun-1999 12:00 AM
K MAD-10 Feldspar 1-Jun-1999 12:00 AM
Ca Wollastonite 1-Jun-1999 12:00 AM
Fe Fe 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|---------------|---------------|---------|
| C K | 159.94 | 0.7468 | 49.14 | 0.80 | 59.69 |
| O K | 59.39 | 0.3526 | 38.64 | 0.72 | 35.23 |
| Na K | 1.22 | 0.6122 | 0.46 | 0.07 | 0.29 |
| Mg K | 0.38 | 0.6097 | 0.14 | 0.04 | 0.08 |
| Al K | 0.69 | 0.7382 | 0.22 | 0.03 | 0.12 |
| Si K | 1.94 | 0.8463 | 0.53 | 0.04 | 0.27 |
| P K | 17.76 | 1.2582 | 3.24 | 0.09 | 1.53 |
| S K | 1.31 | 0.9036 | 0.33 | 0.03 | 0.15 |
| Cl K | 0.33 | 0.8040 | 0.09 | 0.02 | 0.04 |
| K K | 1.39 | 1.0718 | 0.30 | 0.03 | 0.11 |
| Ca K | 28.60 | 0.9925 | 6.61 | 0.13 | 2.41 |
| Fe K | 1.08 | 0.8036 | 0.31 | 0.04 | 0.08 |

Totals 100.00

Comment:

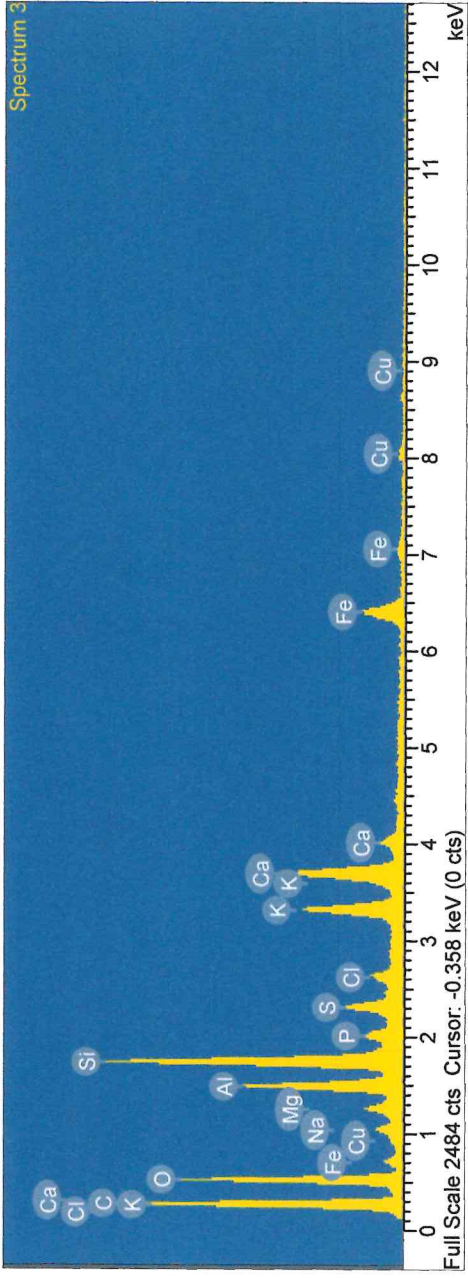
FIGURE 20C
EDS spectrum of Sample 20, black ink from "a", Spectrum 2. (MA47613)

MA47613

1/22/2009 4:58:36 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 20
Type: Default
ID: Black Ink "a"



Full Scale 2484 cts Cursor: -0.358 keV (0 cts)
Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 6

Standard :
 C CaCO3 1-Jun-1999 12:00 AM
 O SiO2 1-Jun-1999 12:00 AM
 Na Albite 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
 P GaP 1-Jun-1999 12:00 AM
 S FeS2 1-Jun-1999 12:00 AM
 Cl KCl 1-Jun-1999 12:00 AM
 K MAD-10 Feldspar 1-Jun-1999 12:00 AM
 Ca Wollastonite 1-Jun-1999 12:00 AM
 Fe Fe 1-Jun-1999 12:00 AM
 Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Weight% | Weight% Sigma | Atomic% |
|---------|-----------|-----------------|-----------------|---------------|---------|
| C K | 98.92 | 0.6066 | 49.84 | 1.00 | 61.18 |
| O K | 41.70 | 0.3694 | 34.50 | 0.83 | 31.79 |
| Na K | 1.20 | 0.6320 | 0.58 | 0.10 | 0.37 |
| Mg K | 0.96 | 0.6226 | 0.47 | 0.06 | 0.29 |
| Al K | 5.75 | 0.7441 | 2.36 | 0.09 | 1.29 |
| Si K | 11.56 | 0.8139 | 4.34 | 0.12 | 2.28 |
| P K | 1.51 | 1.1446 | 0.40 | 0.05 | 0.19 |
| S K | 2.09 | 0.8774 | 0.73 | 0.05 | 0.34 |
| Cl K | 0.93 | 0.7816 | 0.36 | 0.04 | 0.15 |
| K K | 6.05 | 1.0415 | 1.78 | 0.07 | 0.67 |
| Ca K | 7.40 | 0.9724 | 2.33 | 0.08 | 0.86 |
| Fe K | 5.13 | 0.8116 | 1.93 | 0.09 | 0.51 |
| Cu K | 0.96 | 0.7746 | 0.38 | 0.07 | 0.09 |
| Totals | | | 100.00 | | |

Comment:

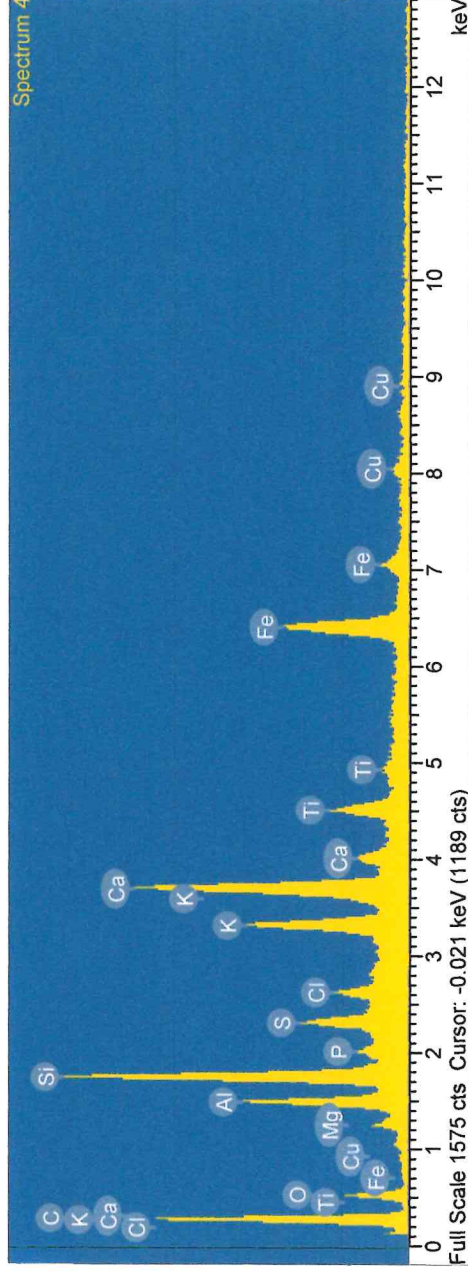
FIGURE 20D
EDS spectrum of Sample 20, black ink from "a", Spectrum 3. (MA47613)

MA47613

1/22/2009 5:02:20 PM

Project: MA47613
Owner: jbarabe
Site: Site of Interest 1

Sample: Sample 20
Type: Default
ID: Black Ink "a"



Full Scale 1575 cts Cursor: -0.021 keV (1189 cts)

Spectrum processing :
No peaks omitted

Processing option : All elements analyzed (Normalised)
Number of iterations = 5

Standard :

- C CaCO3 1-Jun-1999 12:00 AM
- O SiO2 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
- P GaP 1-Jun-1999 12:00 AM
- S FeS2 1-Jun-1999 12:00 AM
- Cl KCl 1-Jun-1999 12:00 AM
- K MAD-10 Feldspar 1-Jun-1999 12:00 AM
- Ca Wollastonite 1-Jun-1999 12:00 AM
- Ti Ti 1-Jun-1999 12:00 AM
- Fe Fe 1-Jun-1999 12:00 AM
- Cu Cu 1-Jun-1999 12:00 AM

| Element | App Conc. | Intensity Corr. | Weight% Sigma | Weight% Atomic% |
|---------|-----------|-----------------|---------------|-----------------|
| C | 51.41 | 0.5222 | 55.91 | 73.52 |
| O | 6.87 | 0.2794 | 13.96 | 13.79 |
| Mg | 0.61 | 0.6312 | 0.55 | 0.36 |
| Al | 3.44 | 0.7516 | 2.60 | 1.52 |
| Si | 8.16 | 0.8194 | 5.66 | 3.18 |
| P | 0.81 | 1.1331 | 0.40 | 0.21 |
| S | 2.12 | 0.8756 | 1.38 | 0.68 |
| Cl | 1.16 | 0.7796 | 0.85 | 0.38 |
| K | 5.61 | 1.0536 | 3.02 | 1.22 |
| Ca | 10.20 | 0.9747 | 5.94 | 2.34 |
| Ti | 2.75 | 0.8023 | 1.94 | 0.64 |
| Fe | 9.99 | 0.8157 | 6.96 | 1.97 |
| Cu | 1.15 | 0.7783 | 0.84 | 0.21 |
| Totals | | | 100.00 | |

Comment:

FIGURE 20E
EDS spectrum of Sample 20, black ink from "a", Spectrum 4. (MA47613)

FIGURE 20F – IR spectrum of Sample 20, black ink from "a". (MA47613)

