

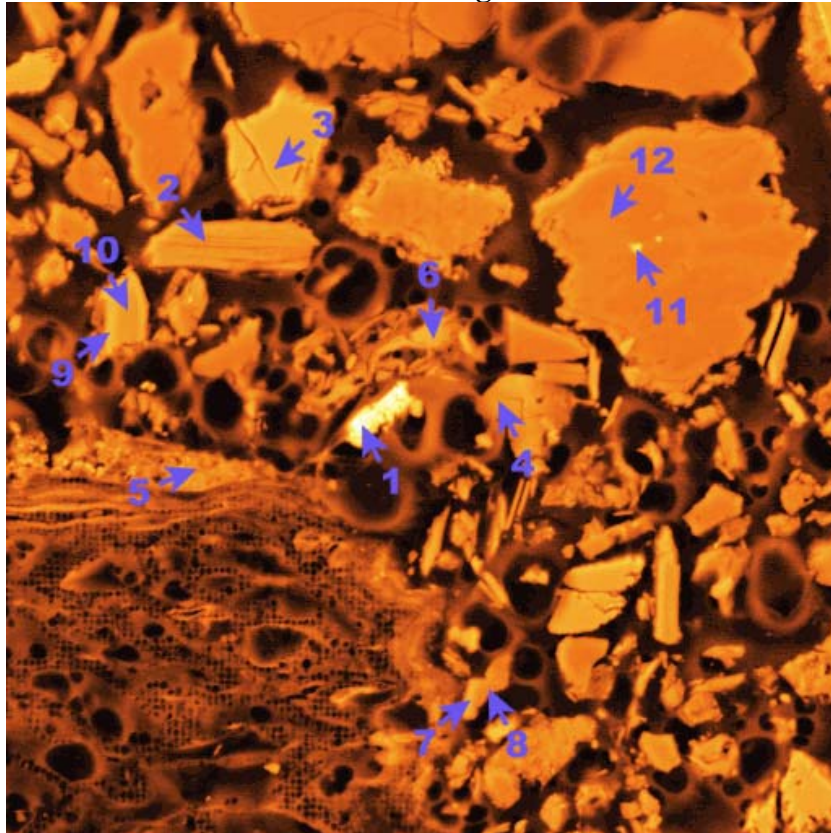
# **Mine Waste Technology Program**

## ***Linking Waterfowl with Contaminant Speciation in Riparian Soils***

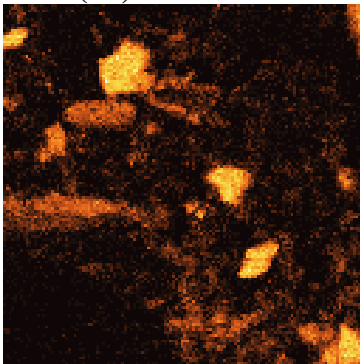
**Appendix A: D.G. Strawn's Final Report to MSE,  
Dated January 26, 2006**

**Pages A-100 through A-199**

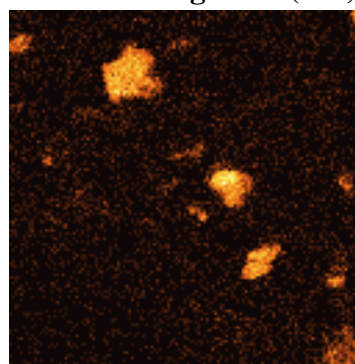
P4C7 – 403, 199  
BSE Image



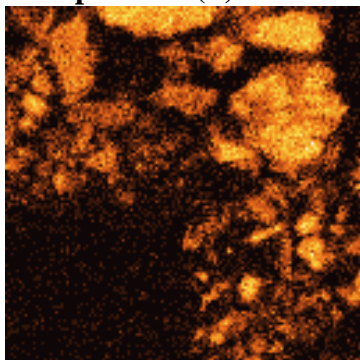
Iron (Fe)



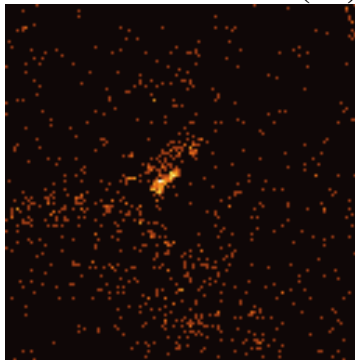
Manganese (Mn)



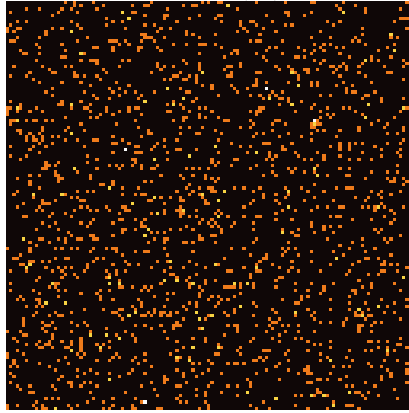
Phosphorous (P)



Lead (Pb)



### Silicon (Si)



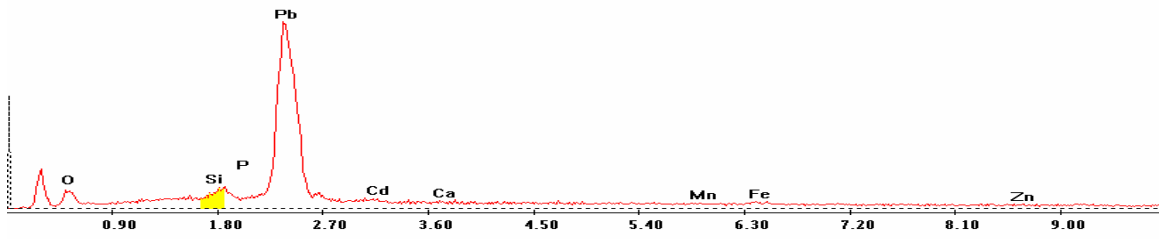
EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 1

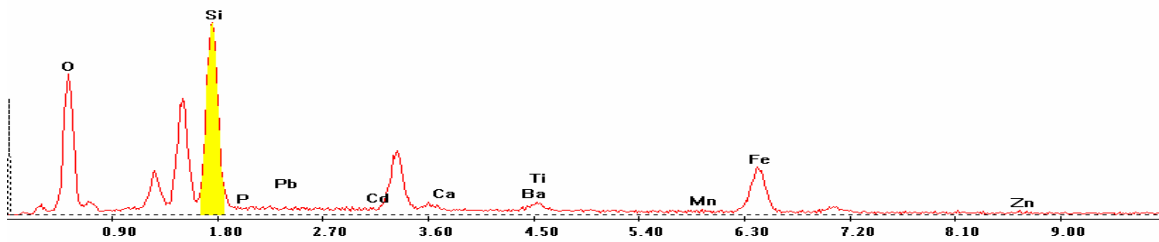
Label B: H K



### Point 2

Label A: 05Apr04 P4C7 403 199 Point 2

Label B: H K

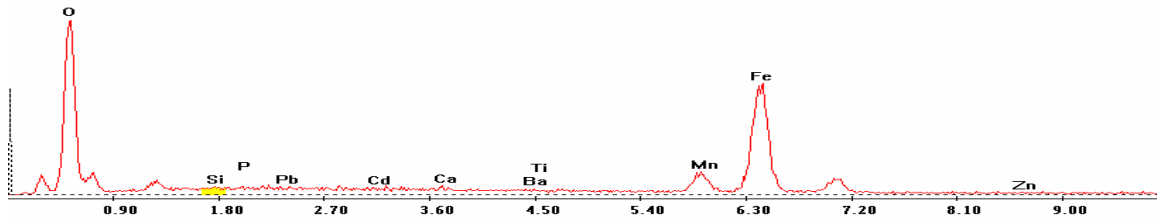


### Point 3

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 3

Label B: H K

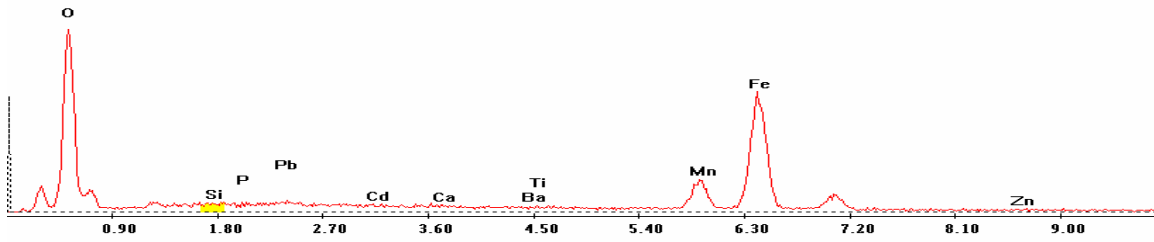


### Point 4

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 4

Label B: H K

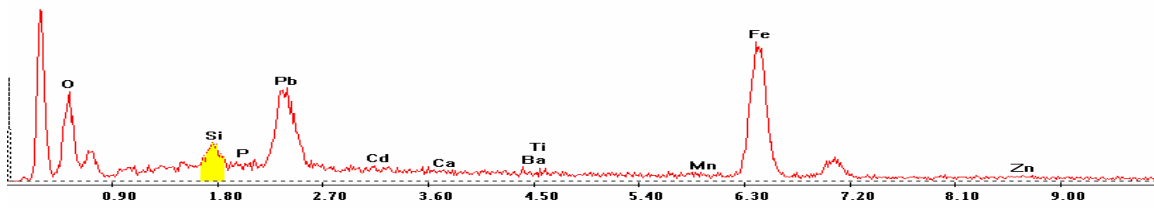


### Point 5

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 5

Label B: H K

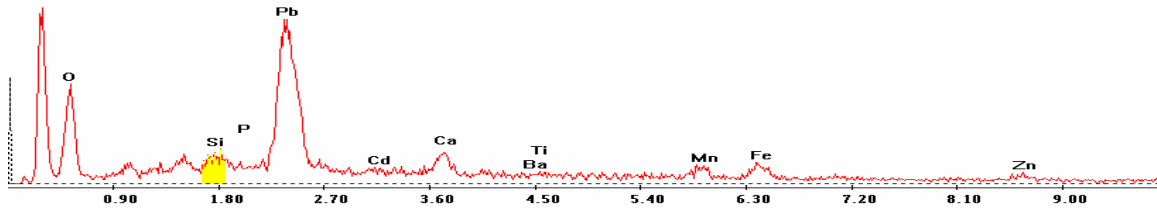


## Point 6

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 6

Label B: H K

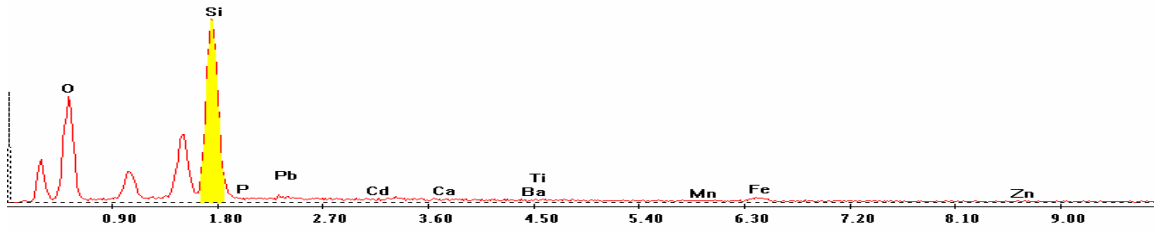


## Point 7

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 7

Label B: H K

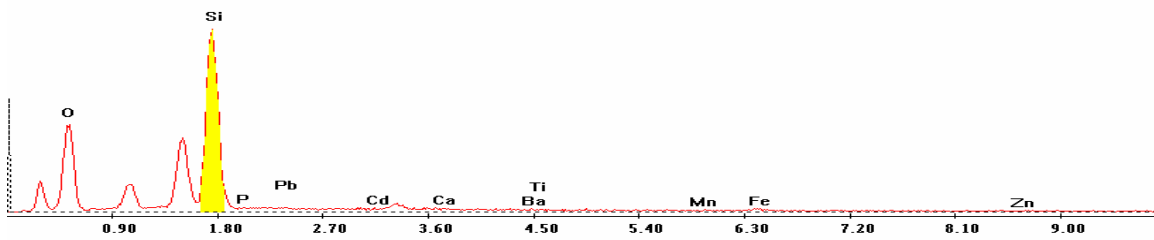


## Point 8

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 8

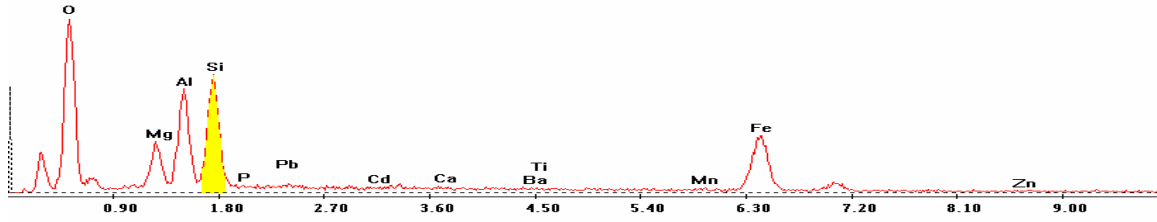
Label B: H K



## Point 9

Label A: 05Apr04 P4C7 403 199 Point 9

Label B: H K

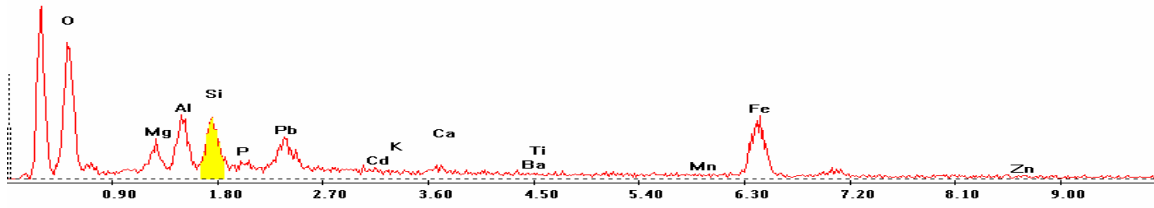


## Point 10

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 10

Label B: H K

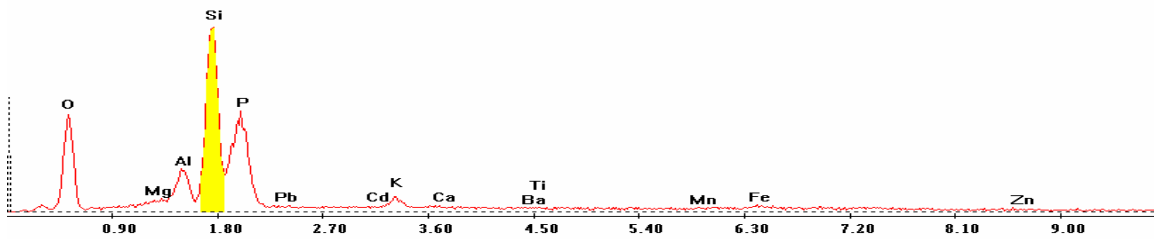


## Point 11

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 403 199 Point 11

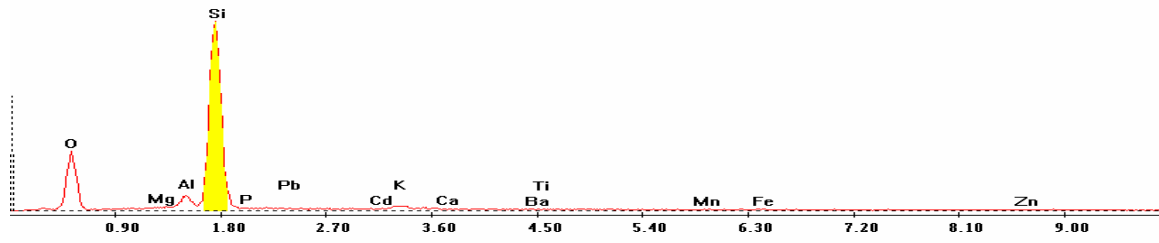
Label B: H K



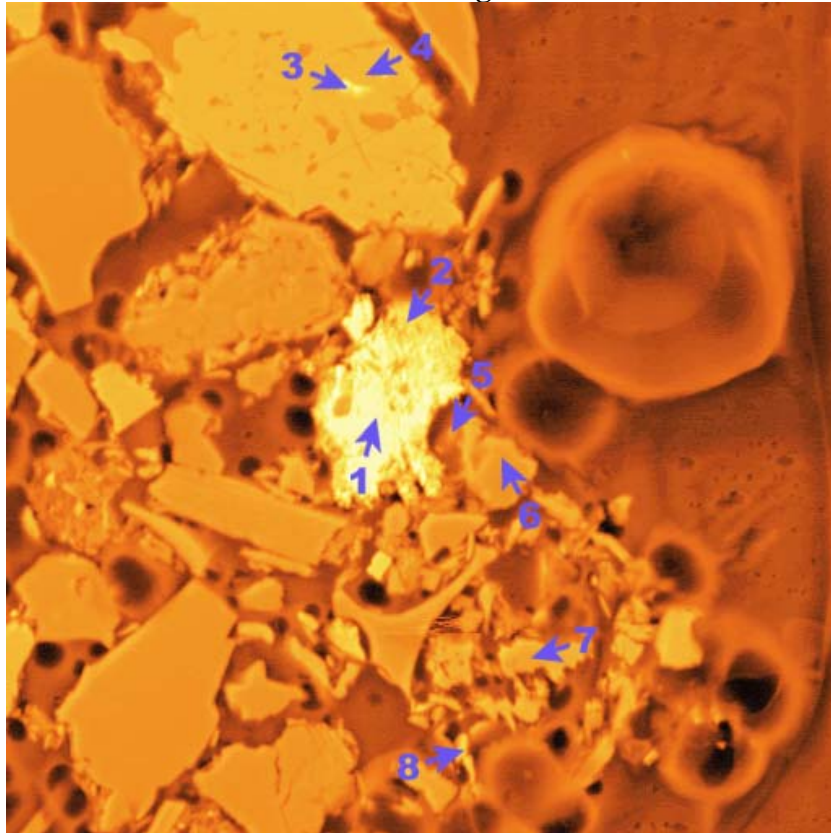
# Point 12

Label A: 05Apr04 P4C7 403 199 Point 12

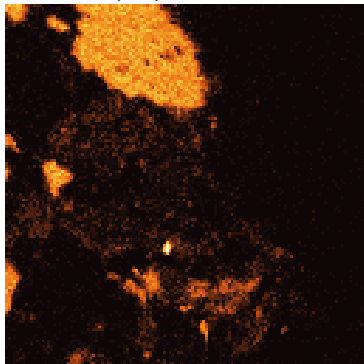
Label B: H K



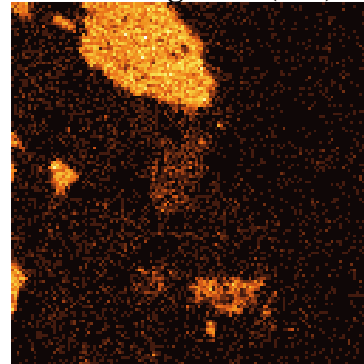
P4C7 – 456, 153  
BSE Image



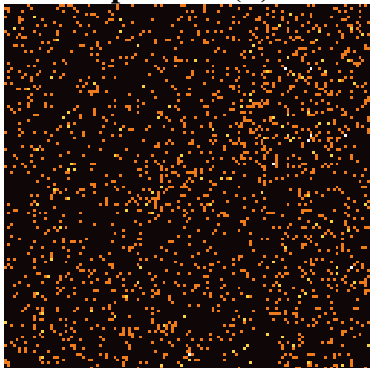
**Iron (Fe)**



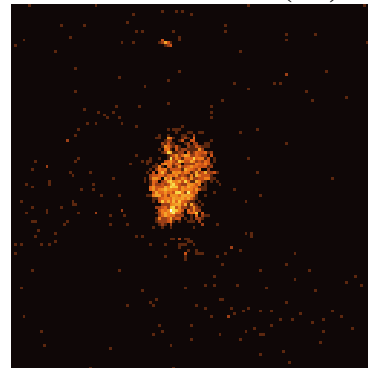
**Manganese (Mn)**



**Phosphorous (P)**

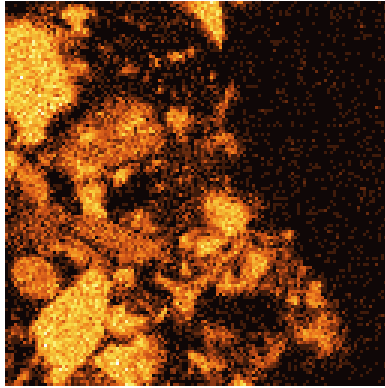


**Lead (Pb)**





# Silicon (Si)



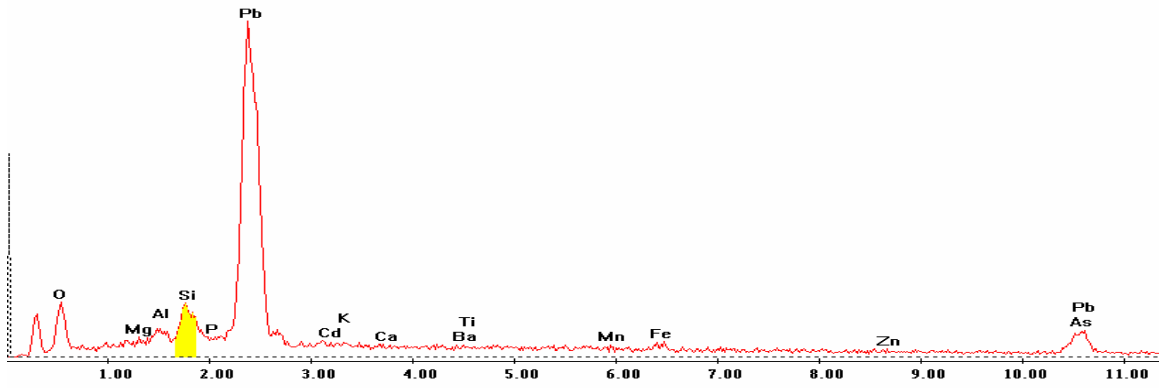
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 1

Label B: H K

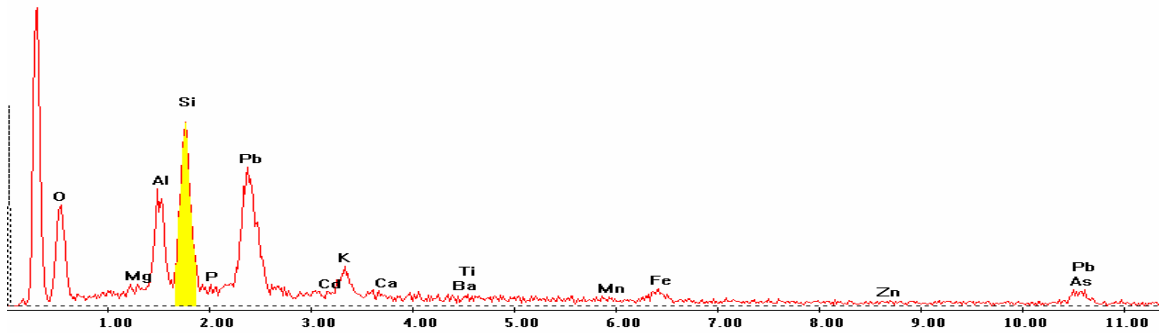


## Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 2

Label B: H K

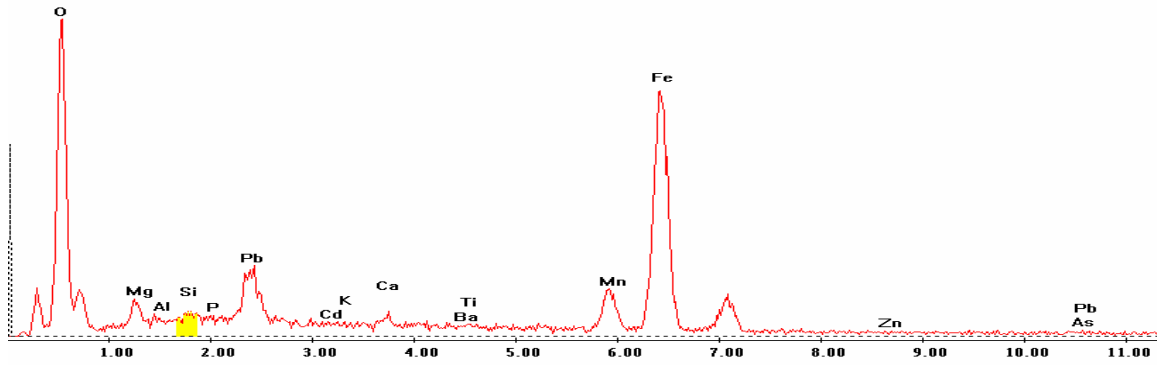


### Point 3

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 3

Label B: H K

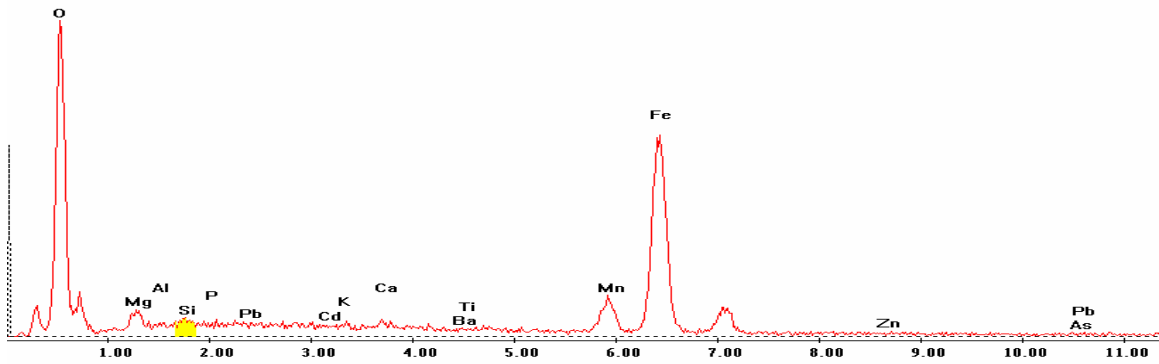


### Point 4

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 4

Label B: H K

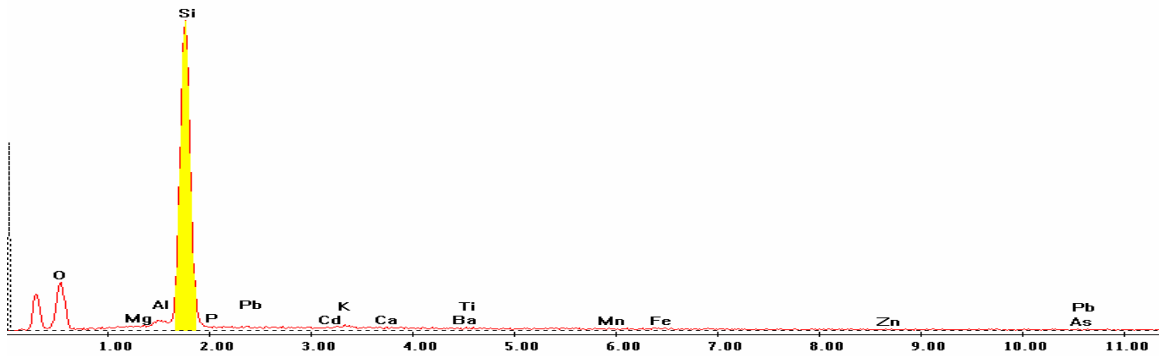


### Point 5

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 5

Label B: H K

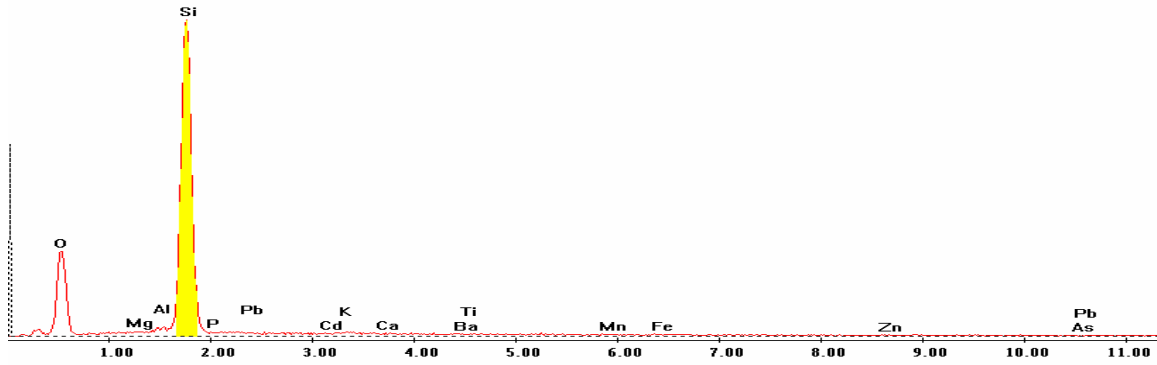


## Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 6

Label B: H K

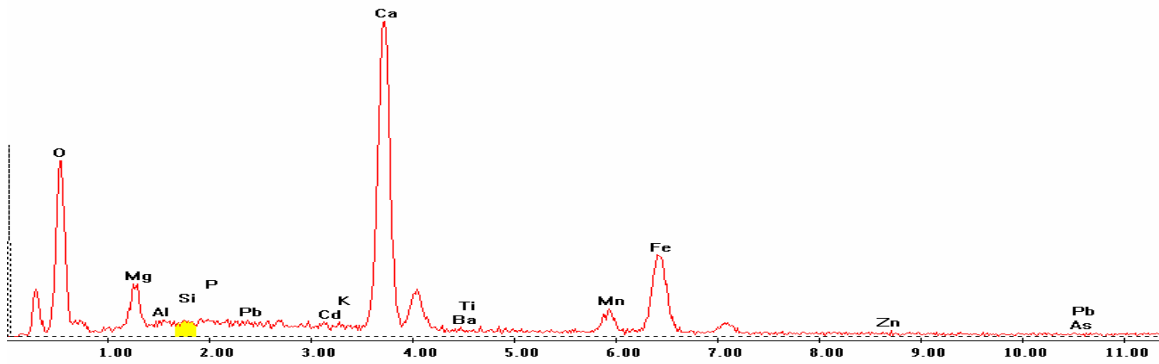


## Point 7

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 7

Label B: H K

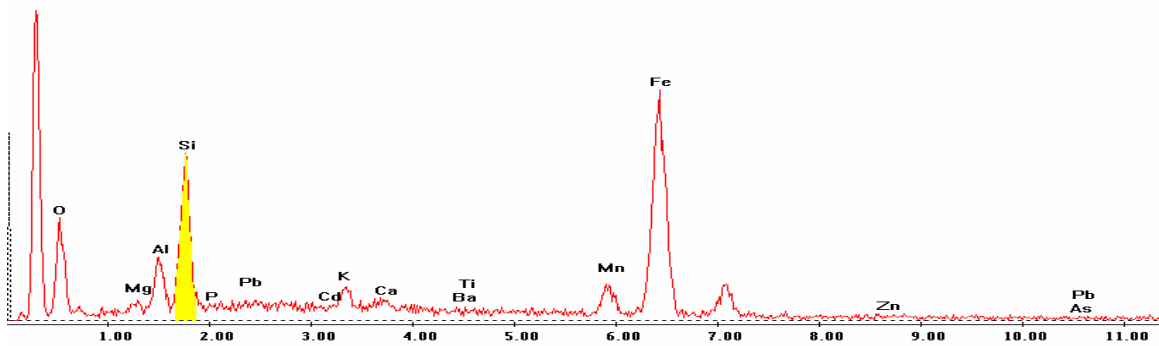


## Point 8

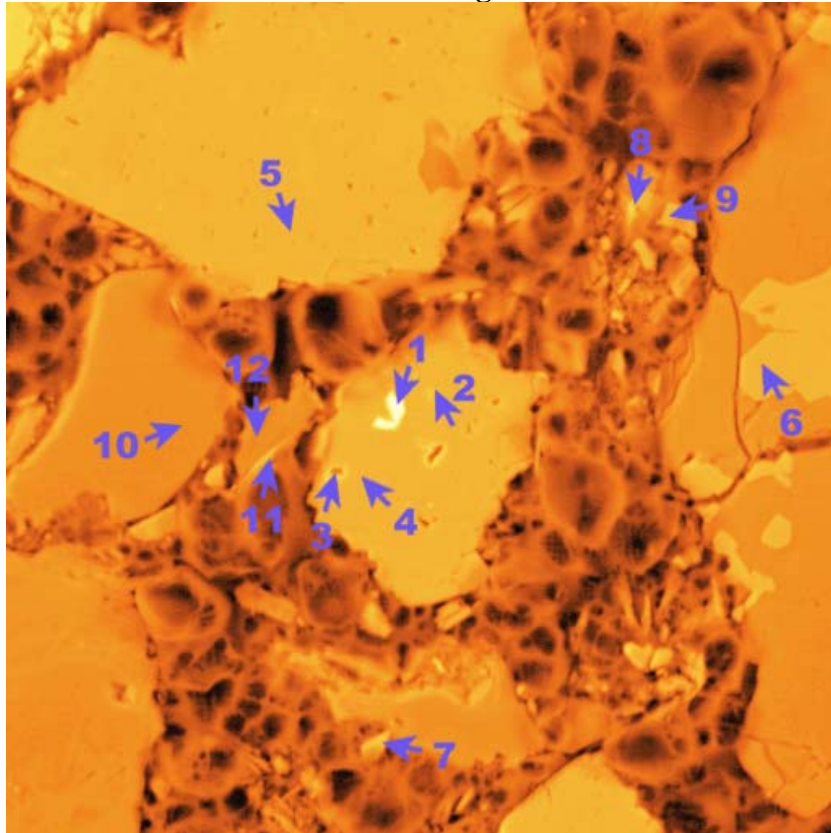
c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 456 153 Point 8

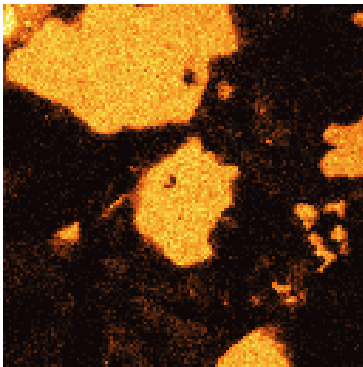
Label B: H K



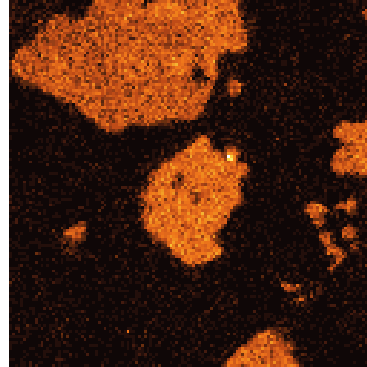
P4C7 – 485, 208  
BSE Image



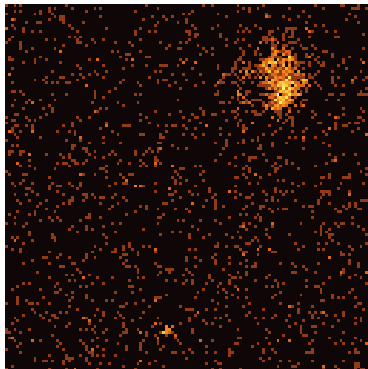
**Iron (Fe)**



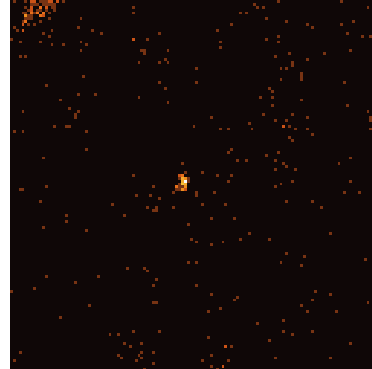
**Manganese (Mn)**



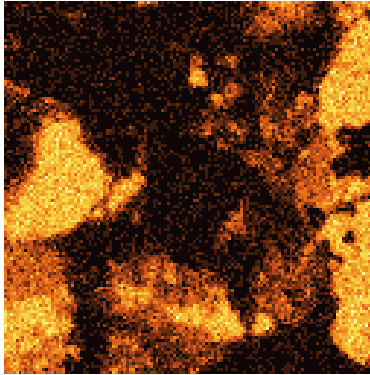
**Phosphorous (P)**



**Lead (Pb)**



# Silicon (Si)



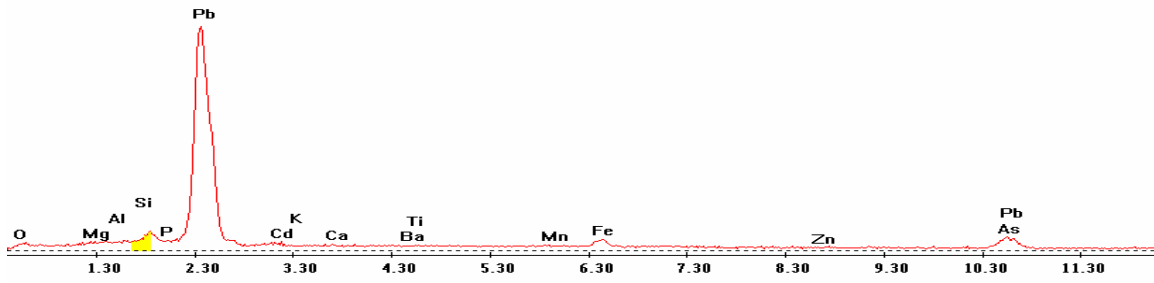
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 1

Label B: H K

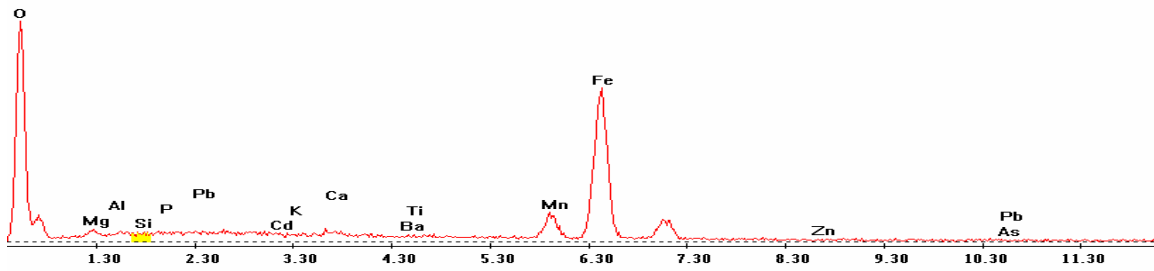


## Point 2

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 2

Label B: H K

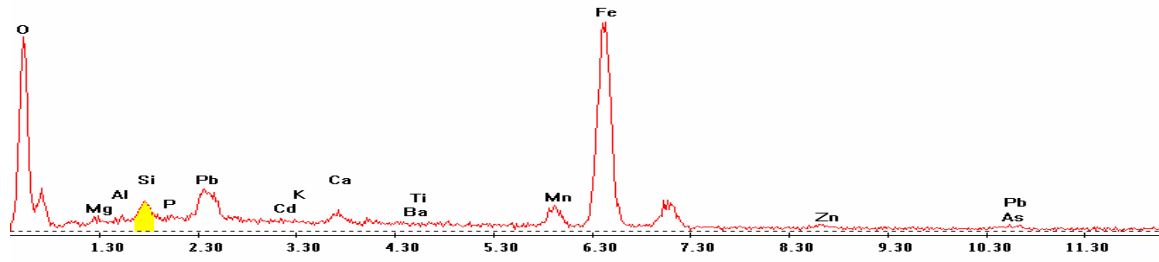


### Point 3

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 3

Label B: H K

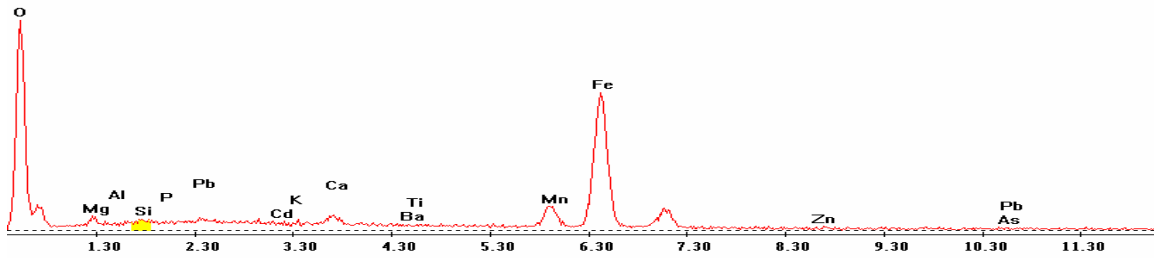


### Point 4

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 4

Label B: H K

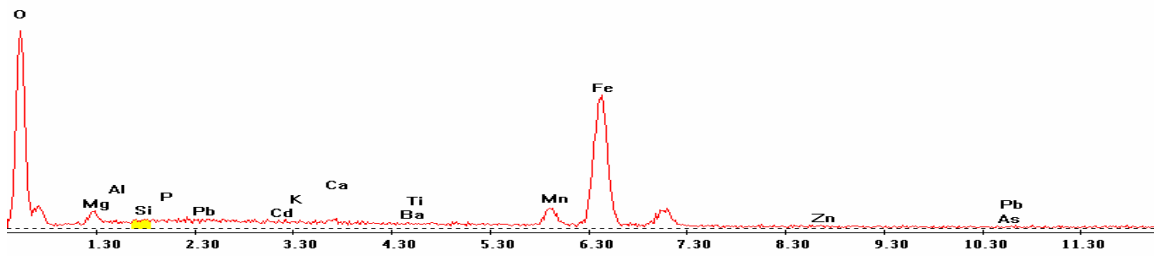


### Point 5

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 5

Label B: H K

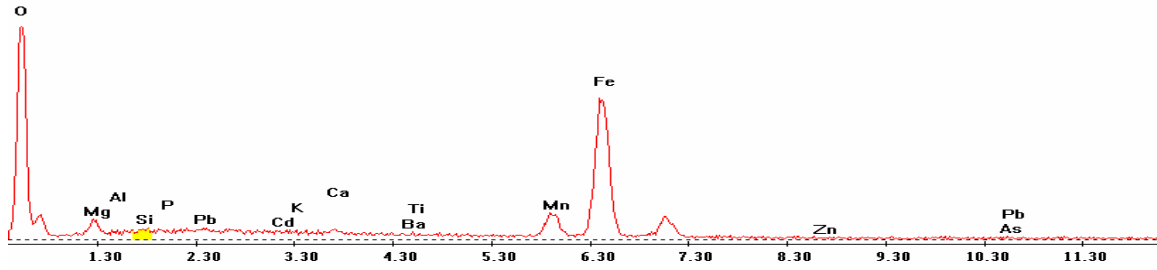


## Point 6

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 6

Label B: H K

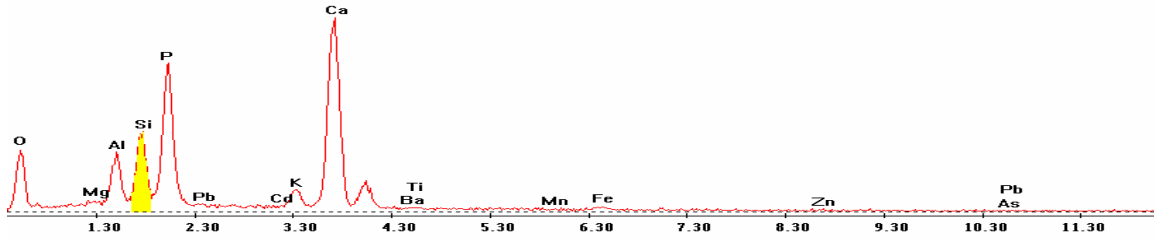


## Point 7

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 7

Label B: H K

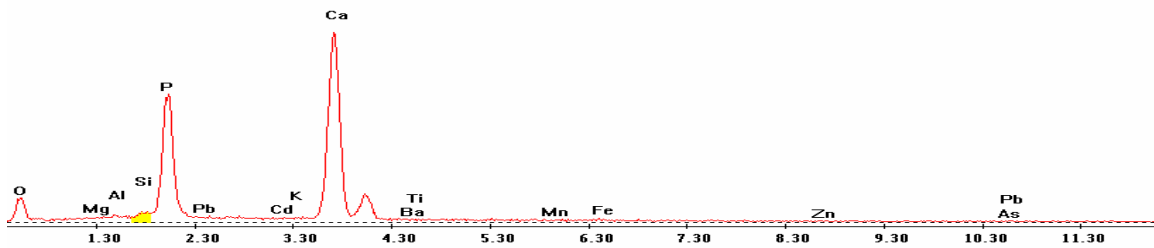


## Point 8

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 8

Label B: H K

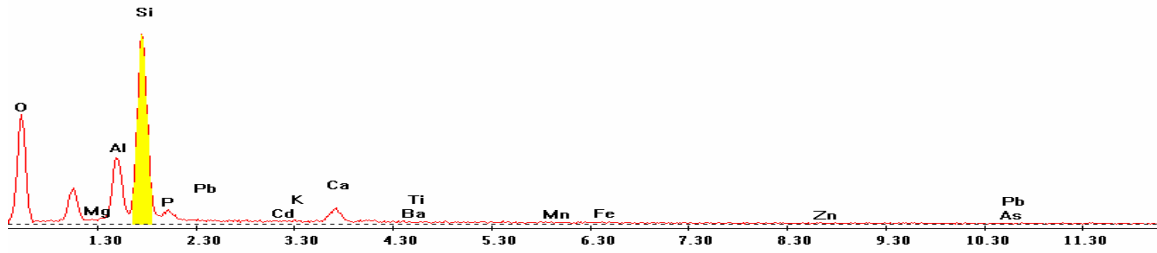


### Point 9

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 9

Label B: H K

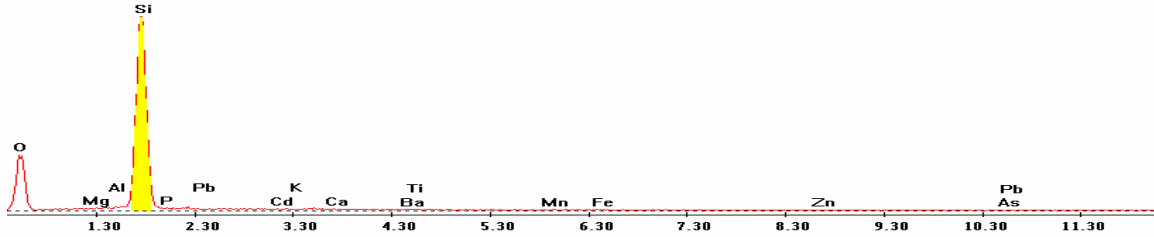


### Point 10

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 10

Label B: H K

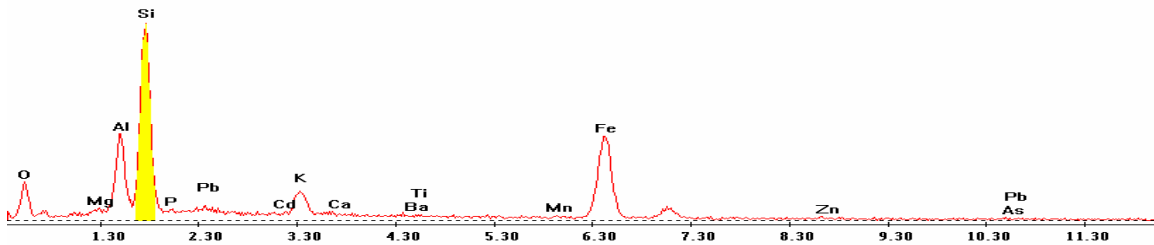


### Point 11

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 11

Label B: H K



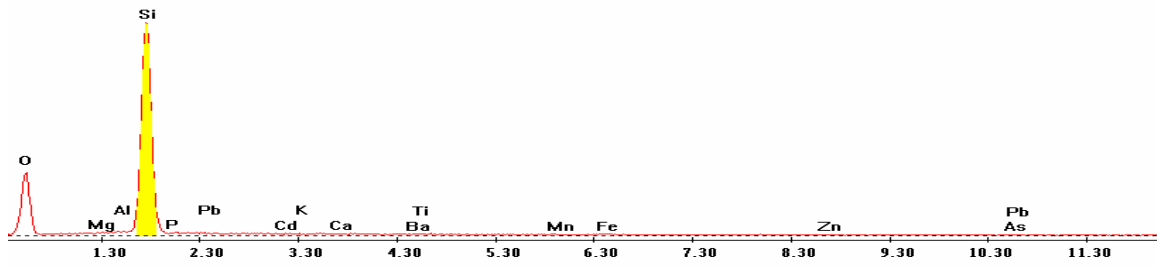


# Point 12

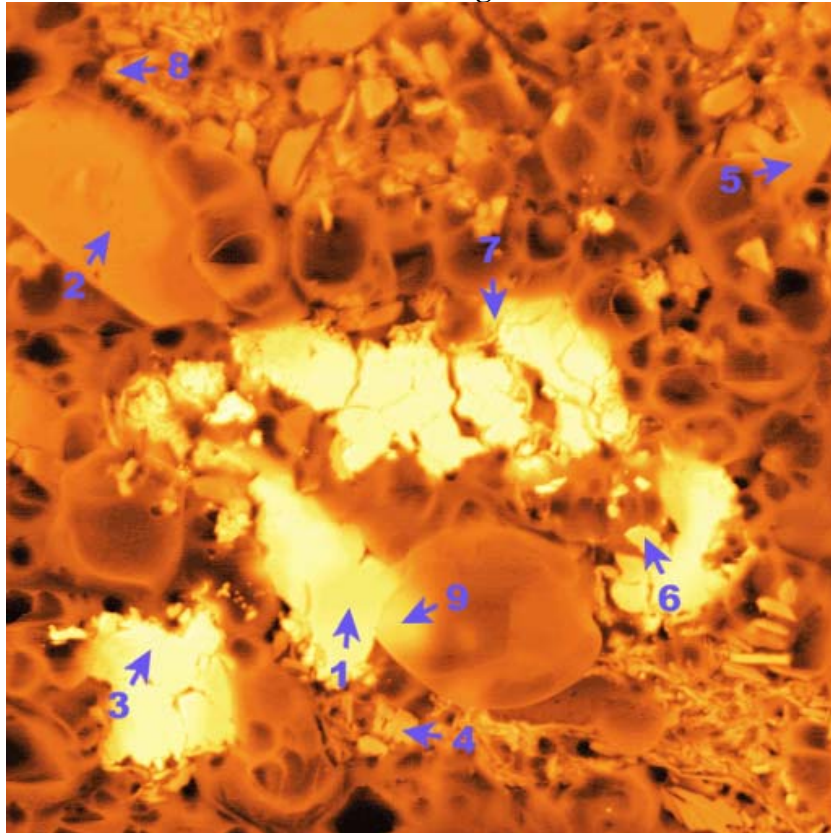
c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 485 208 Point 12

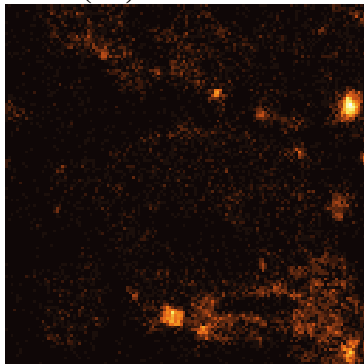
Label B: H K



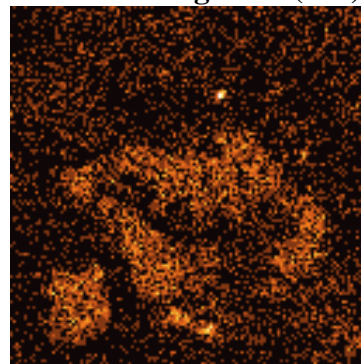
P4C7 – 486, 202  
BSE Image



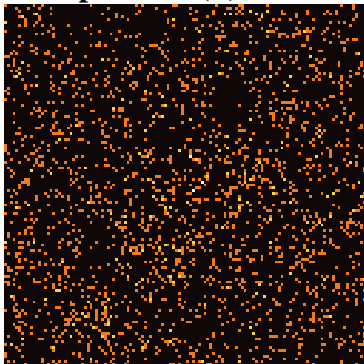
Iron (Fe)



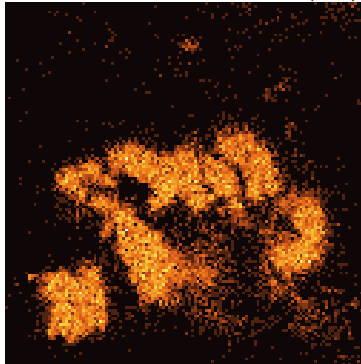
Manganese (Mn)



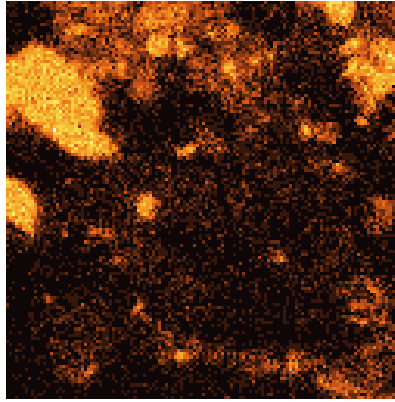
Phosphorous (P)



Lead (Pb)



# Silicon (Si)



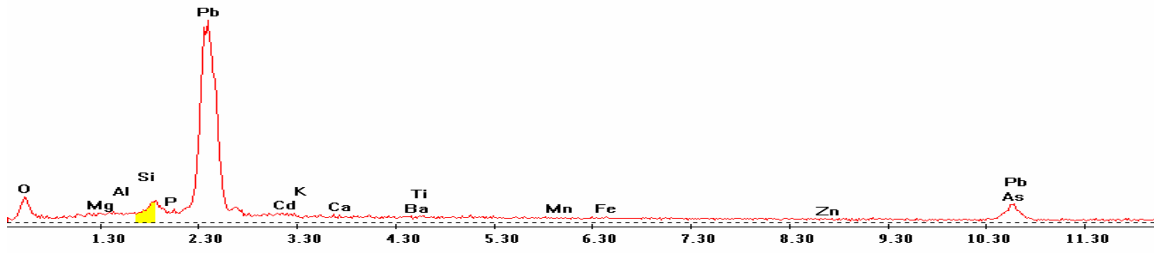
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 1

Label B: H K

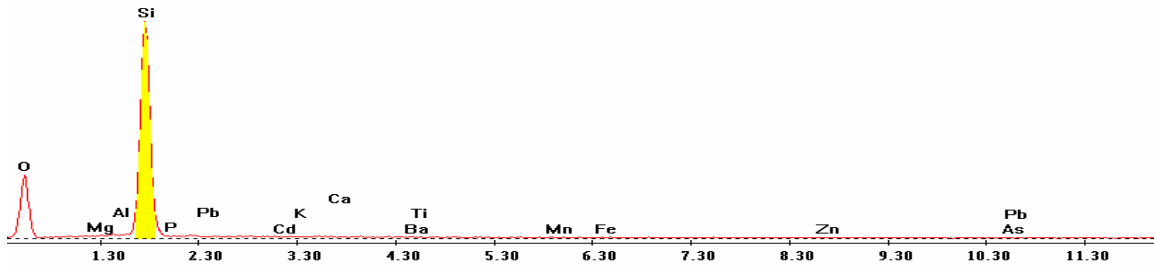


## Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 2

Label B: H K

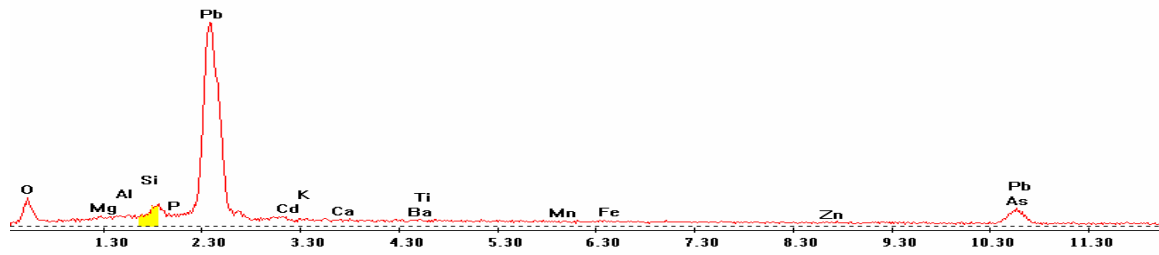


### Point 3

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 3

Label B: H K

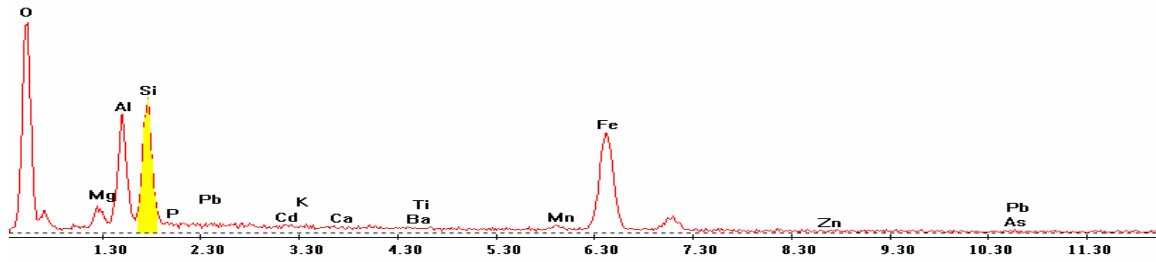


### Point 4

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 4

Label B: H K

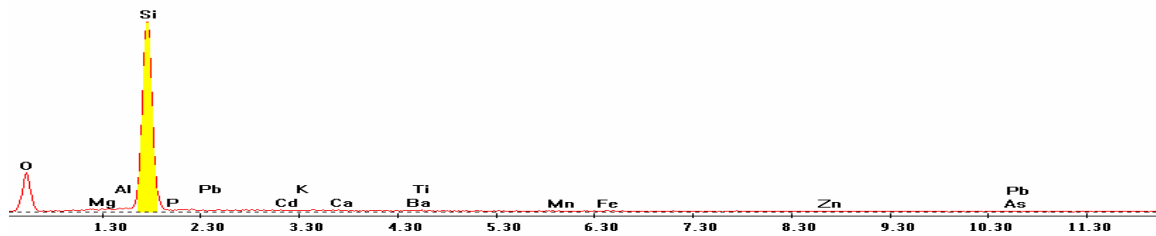


### Point 5

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 5

Label B: H K

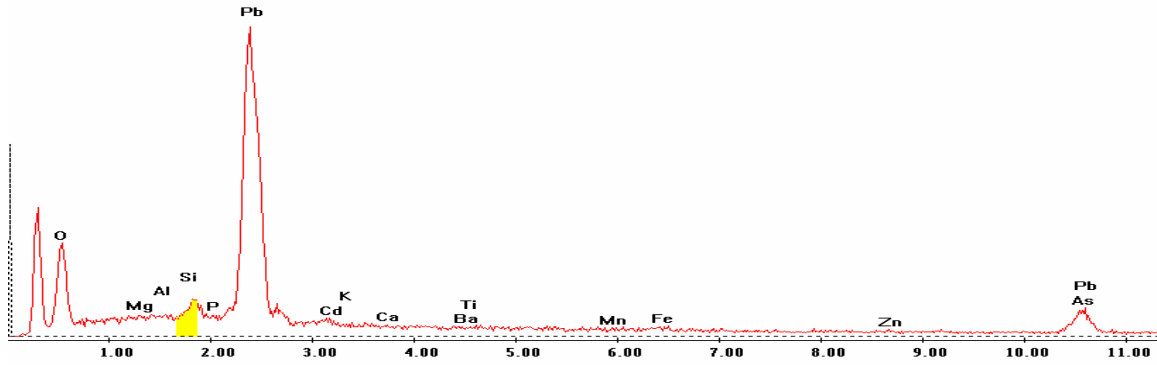


## Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 6

Label B: H K

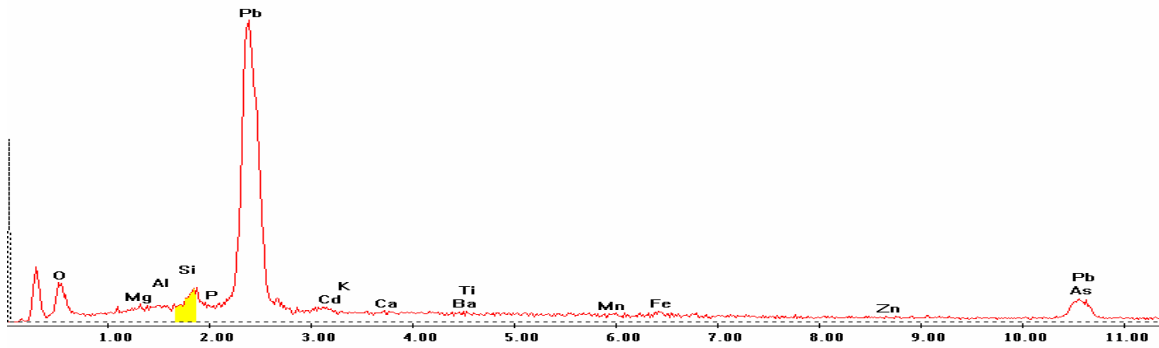


## Point 7

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 7

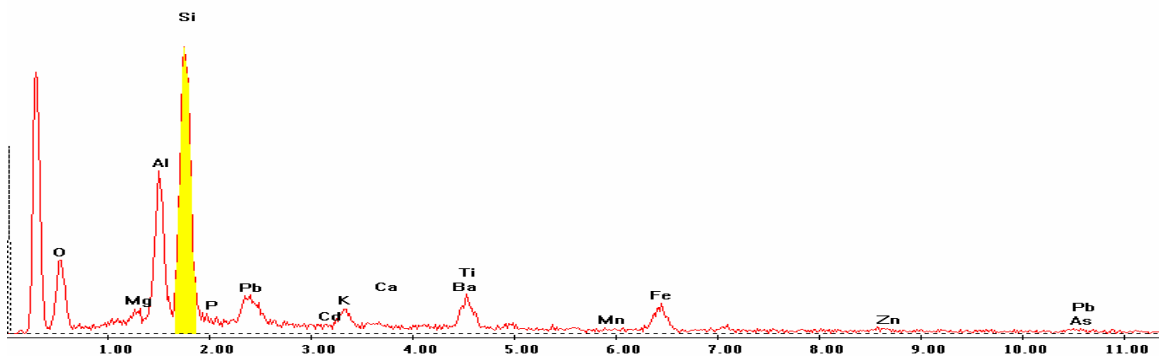
Label B: H K



## Point 8

Label A: 05Apr04 P4C7 486 202 Point 8

Label B: H K

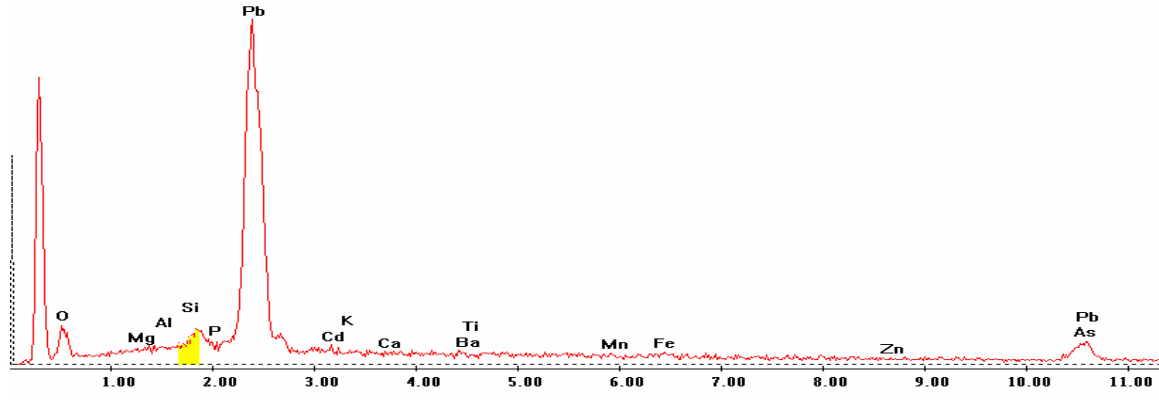


# Point 9

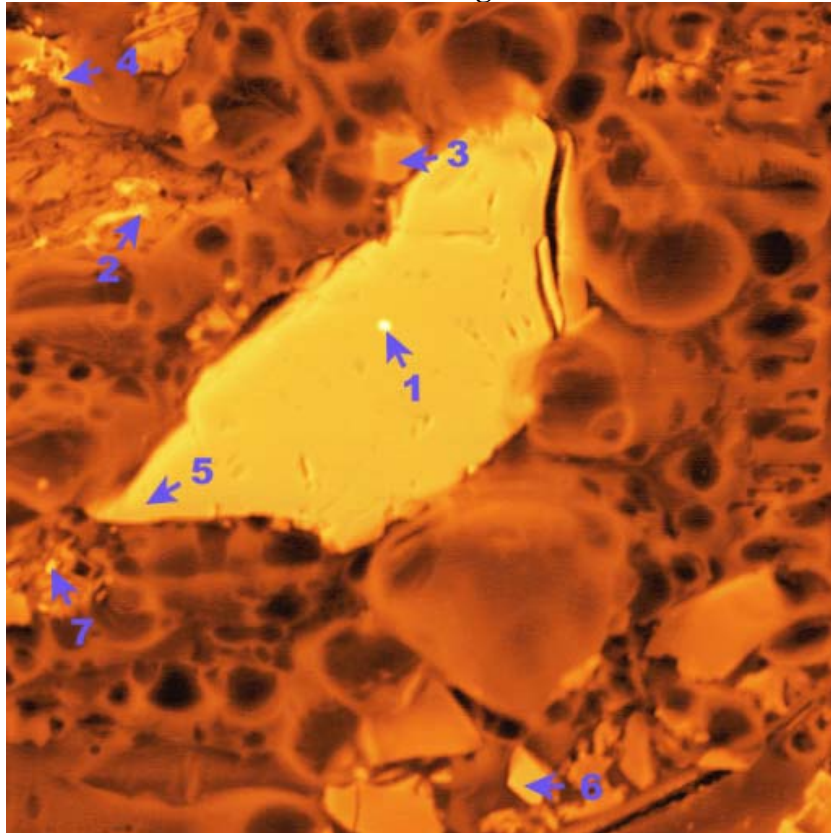
c:\edax32\genesis\genspc.spc/-peakgen.spc

Label A: 05Apr04 P4C7 486 202 Point 9

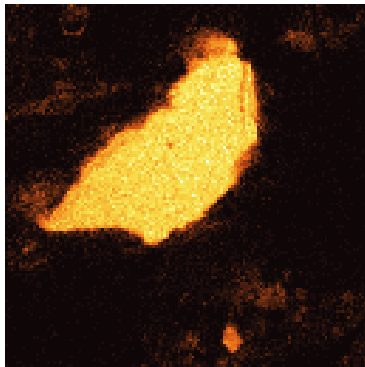
Label B: H K



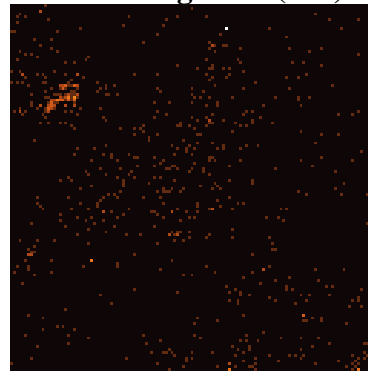
P4C8 – 354, 306  
BSE Image



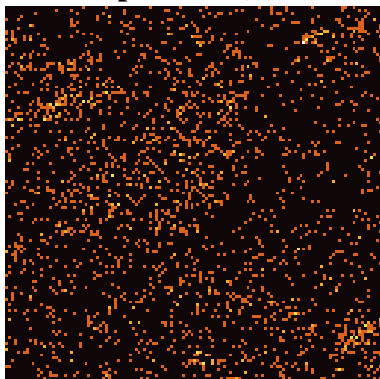
**Iron (Fe)**



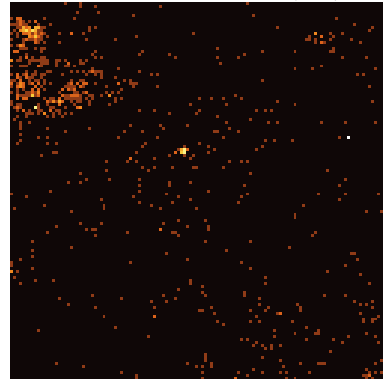
**Manganese (Mn)**



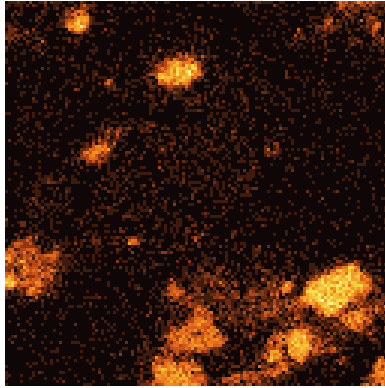
**Phosphorous (P)**



**Lead (Pb)**



### Silicon (Si)

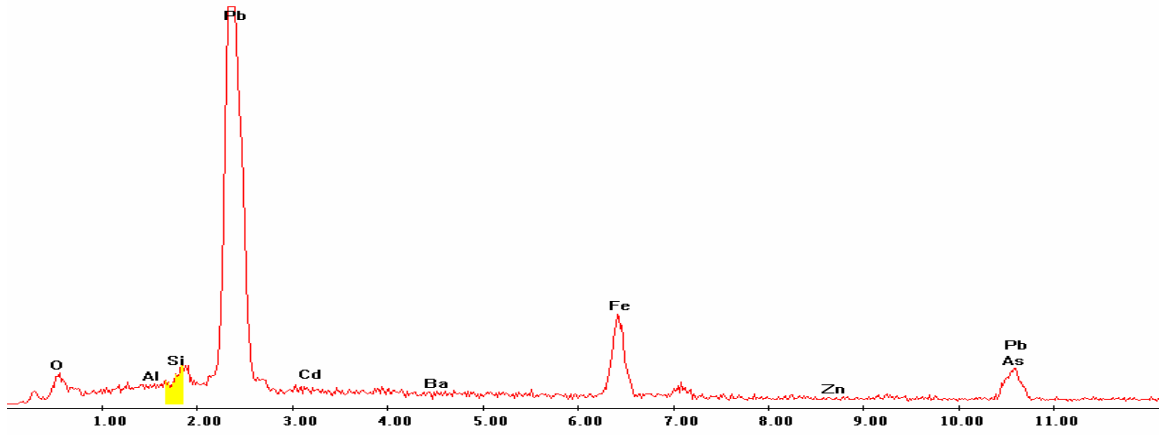


EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc

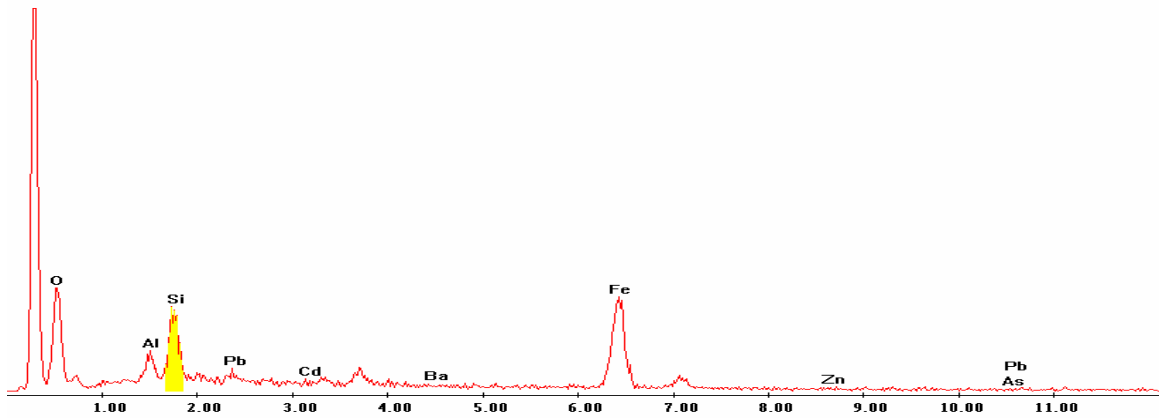
Label A: P4C8 X-354 Y-306 Point 1



### Point 2

c:\edax32\genesis\genspc.spc

Label A: P4C8 X-354 Y-306 Point 2

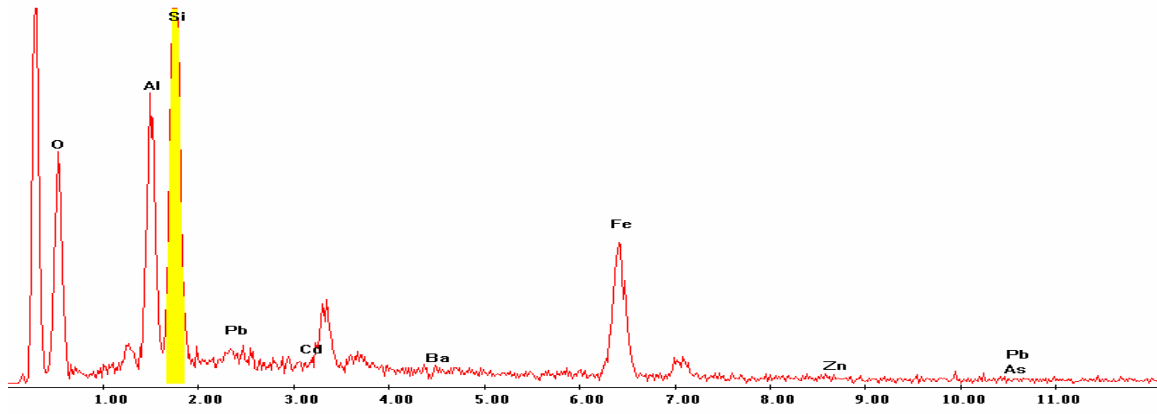




### Point 3

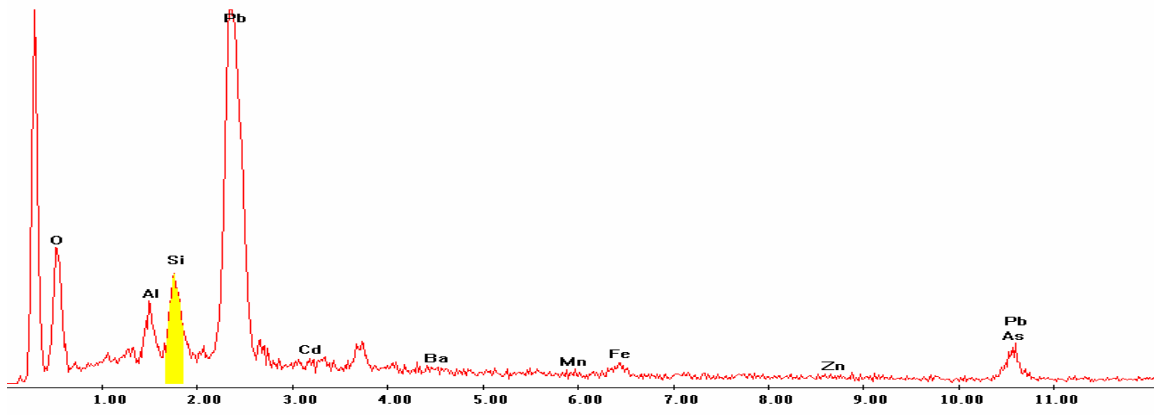
c:\edax32\genesis\genspc.spc

Label A: P4C8 X-354 Y-306 Point 3



### Point 4

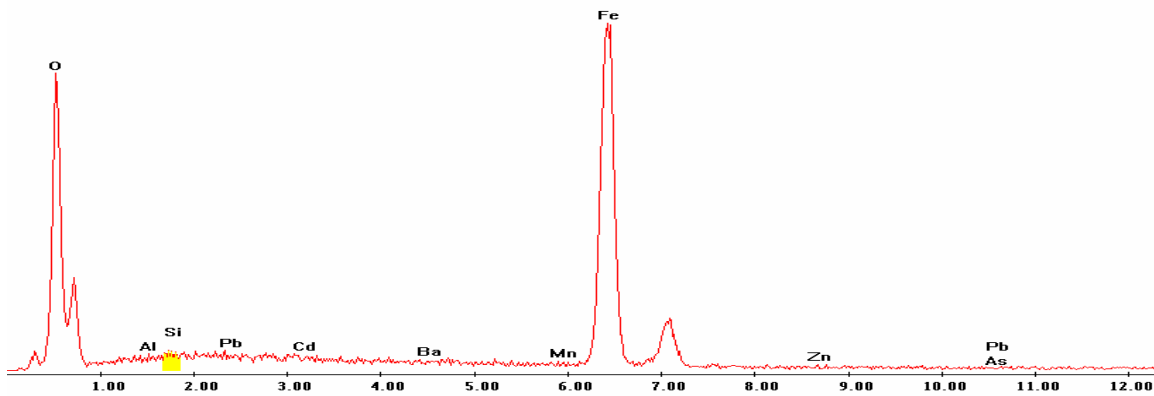
Label A: P4C8 X-354 Y-306 Point 4



### Point 5

c:\edax32\genesis\genspc.spc

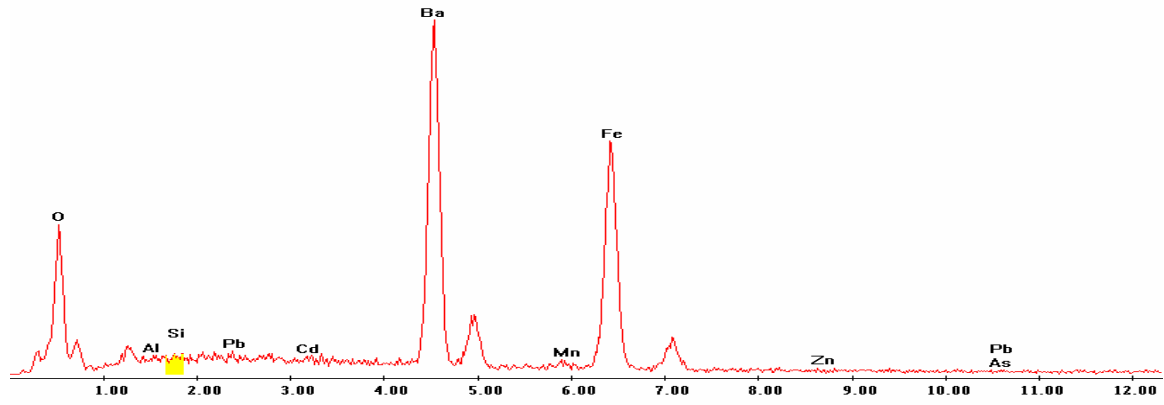
Label A: P4C8 X-354 Y-306 Point 5



## Point 6

c:\edax32\genesis\genspc.spc

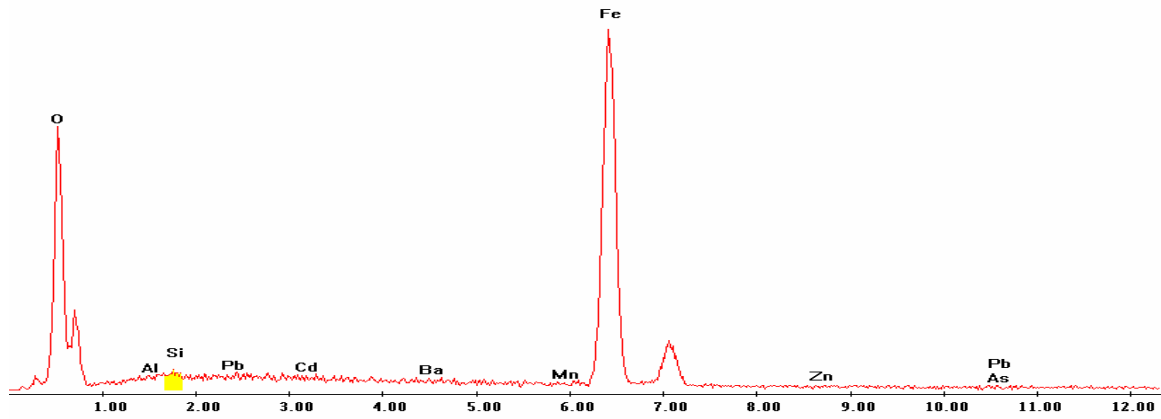
Label A: P4C8 X-354 Y-306 Point 6



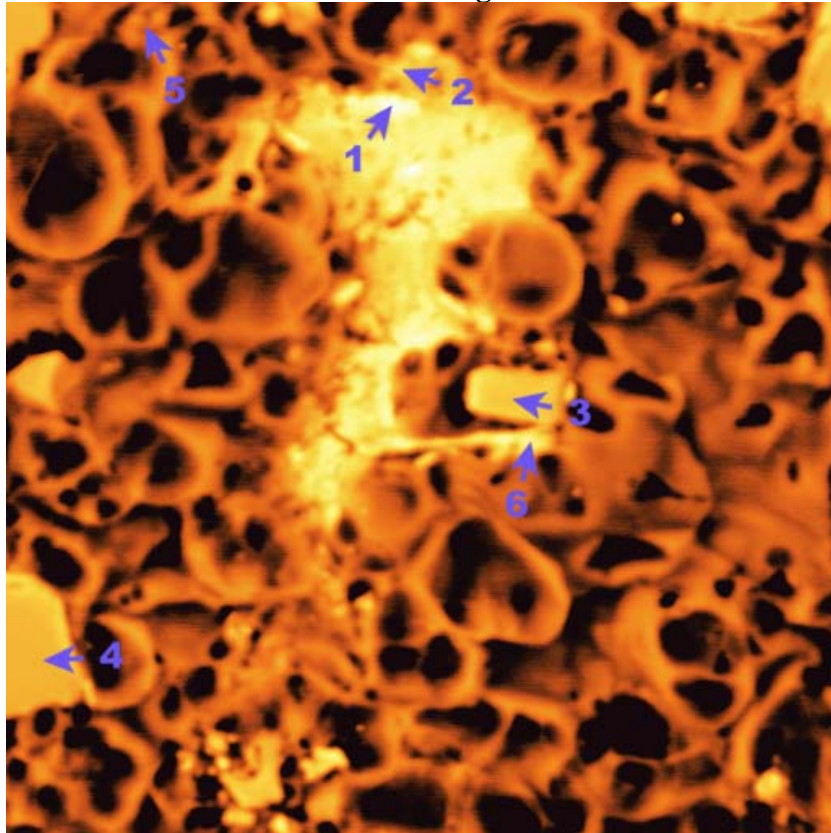
## Point 7

c:\edax32\genesis\genspc.spc

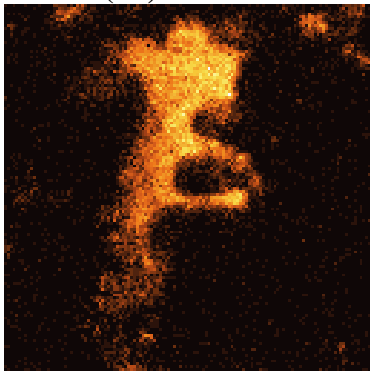
Label A: P4C8 X-354 Y-306 Point 7



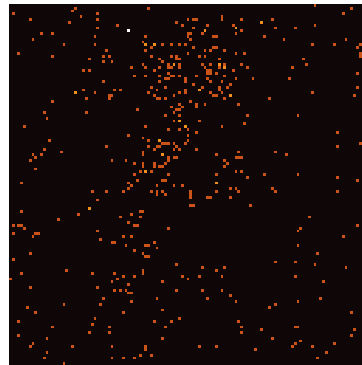
P4C8 – 370, 216  
BSE Image



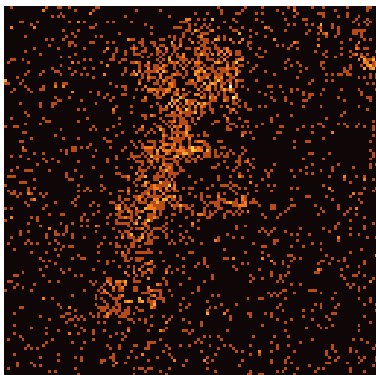
**Iron (Fe)**



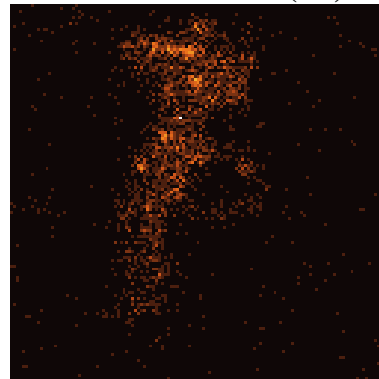
**Manganese (Mn)**



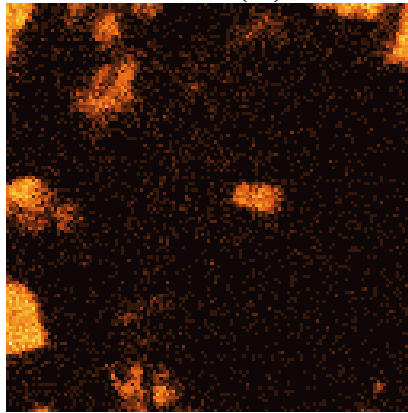
**Phosphorous (P)**



**Lead (Pb)**

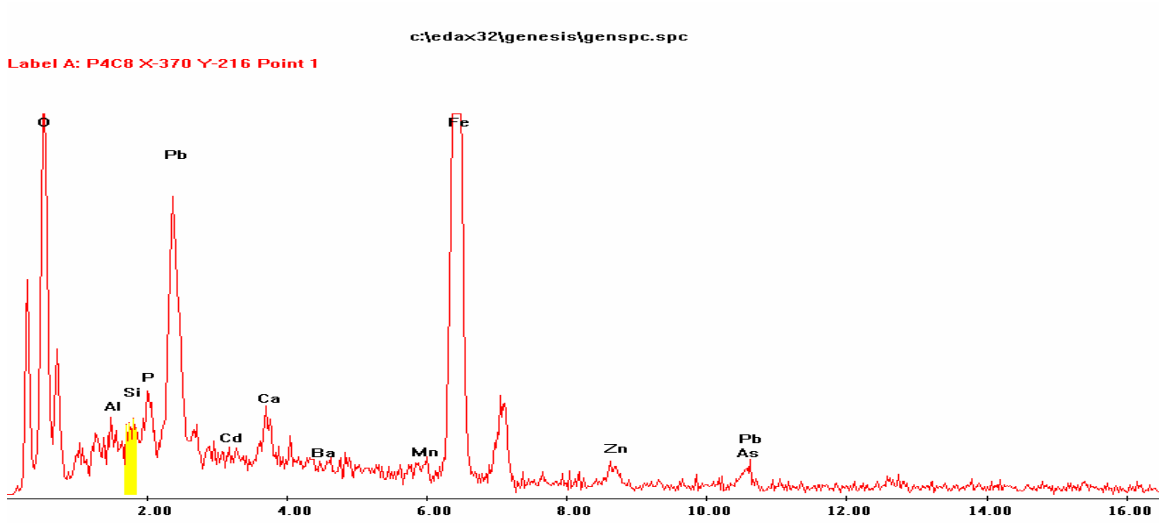


### Silicon (Si)

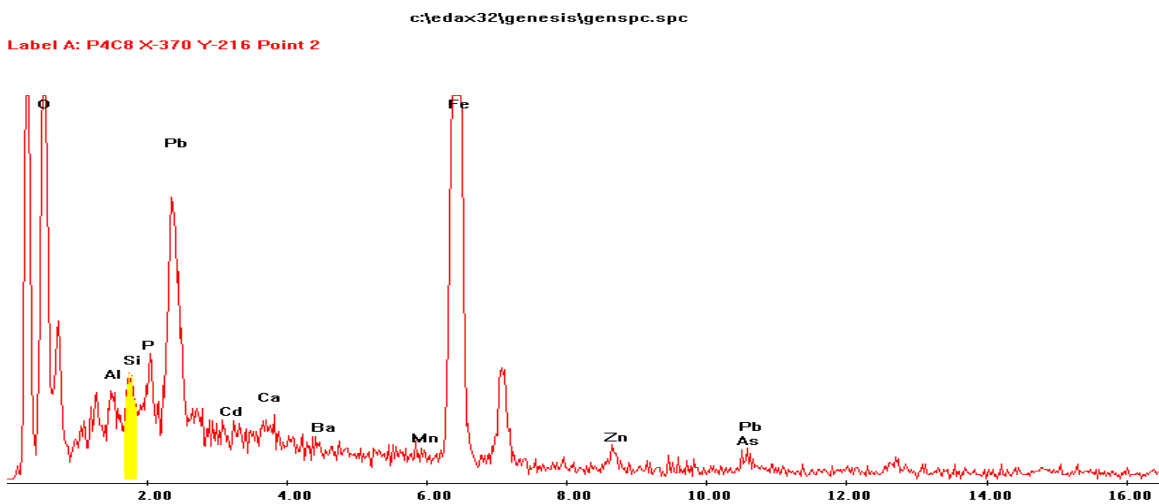


EDS Scan Images by Point

### Point 1



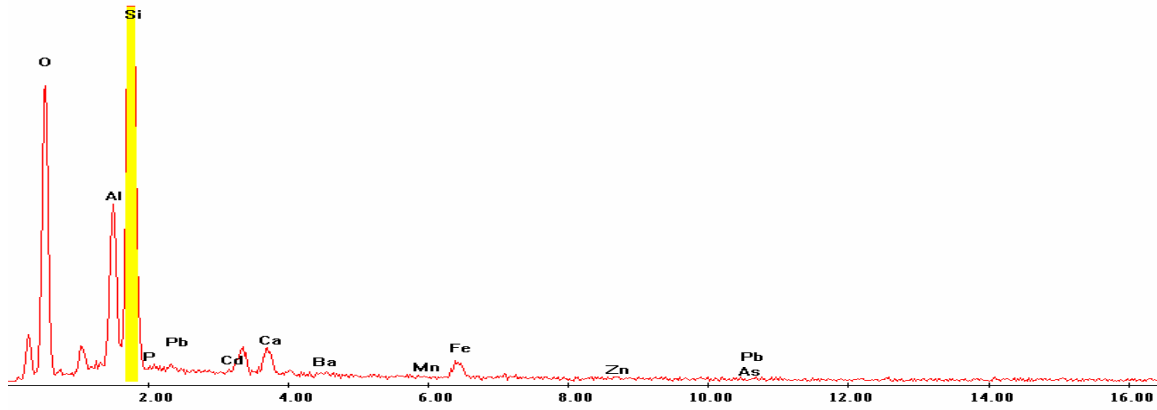
### Point 2



### Point 3

c:\edax32\genesis\genspc.spc

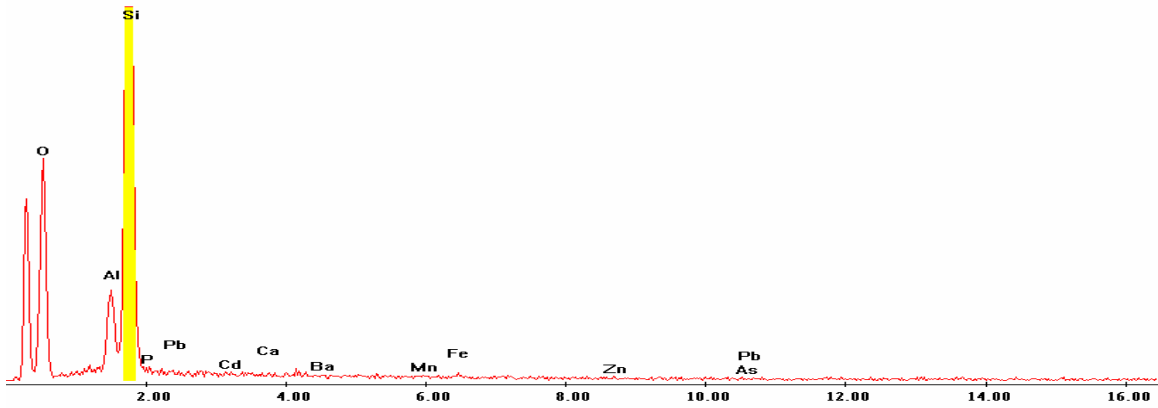
Label A: P4C8 X-370 Y-216 Point 3



### Point 4

c:\edax32\genesis\genspc.spc

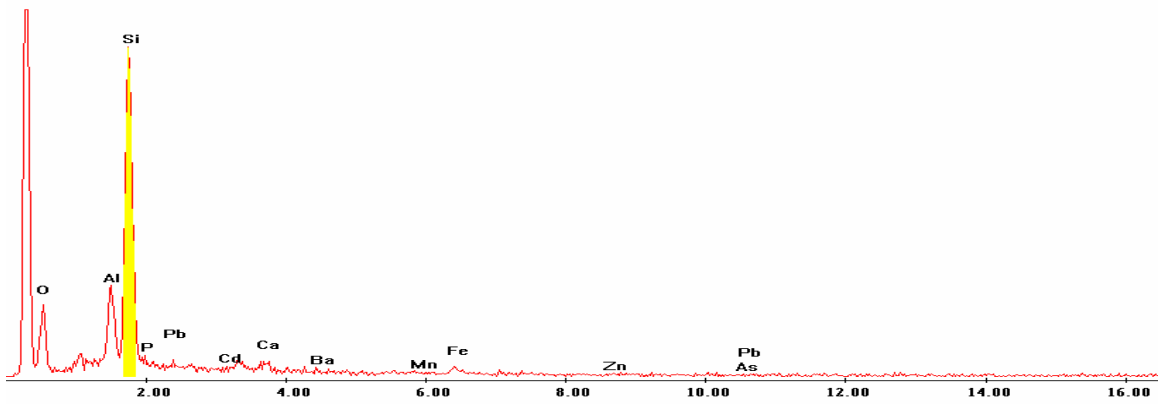
Label A: P4C8 X-370 Y-216 Point 4



### Point 5

c:\edax32\genesis\genspc.spc

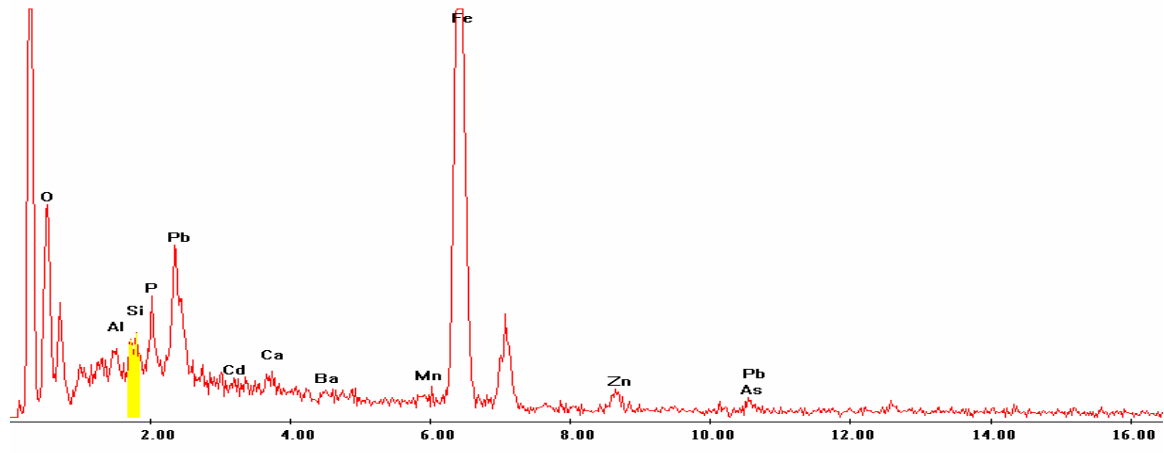
Label A: P4C8 X-370 Y-216 Point 5



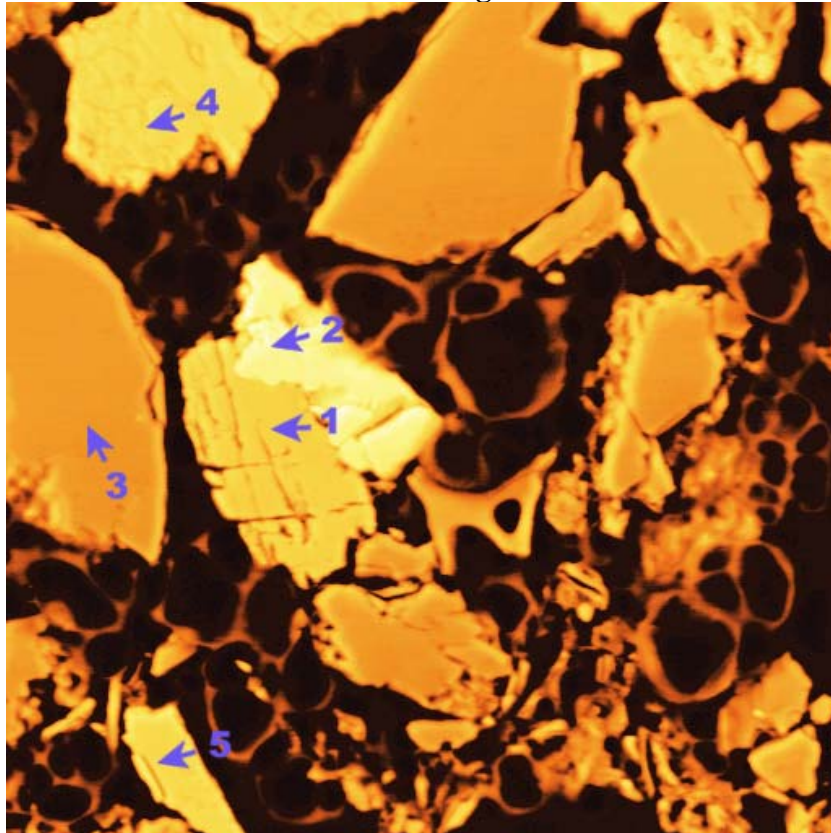
# Point 6

c:\edax32\genesis\genspc.spc

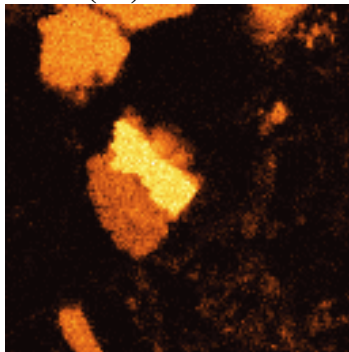
Label A: P4C8 X-370 Y-216 Point 6



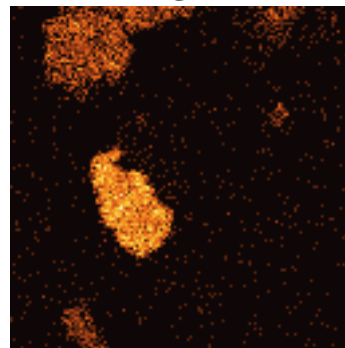
P4C8 – 391, 328  
BSE Image



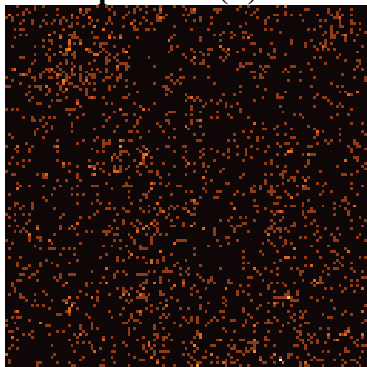
**Iron (Fe)**



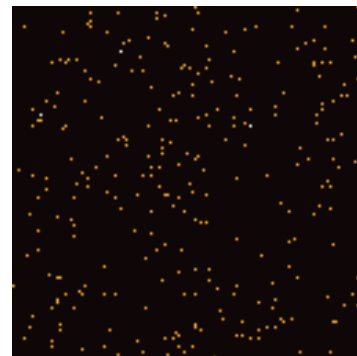
**Manganese (Mn)**



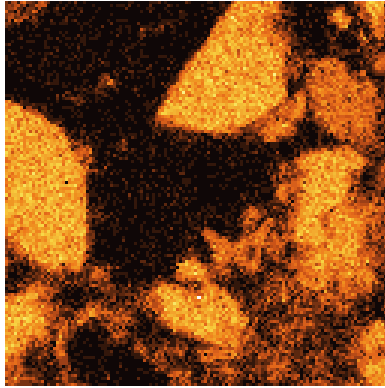
**Phosphorous (P)**



**Lead (Pb)**



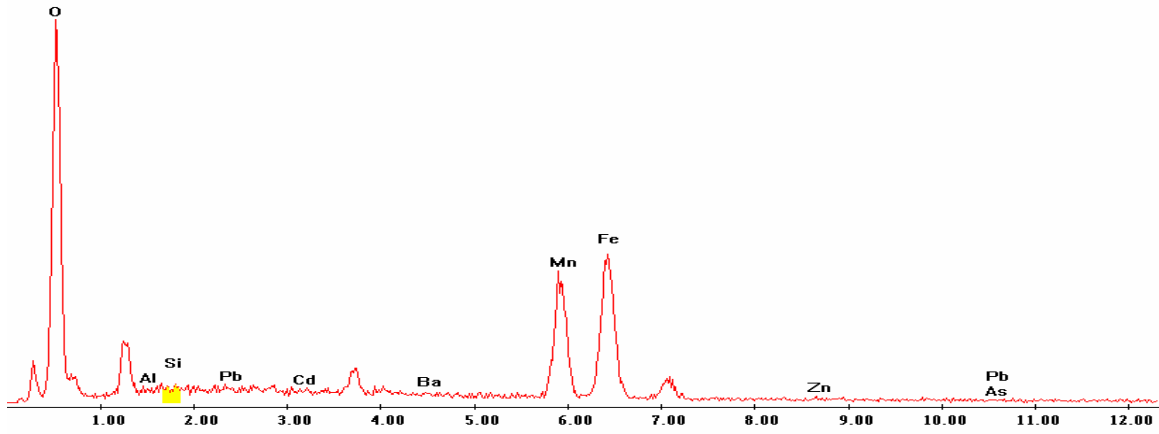
### Silicon (Si)



### EDS Scan Images by Point Point 1

c:\edax32\genesis\genspc.spc

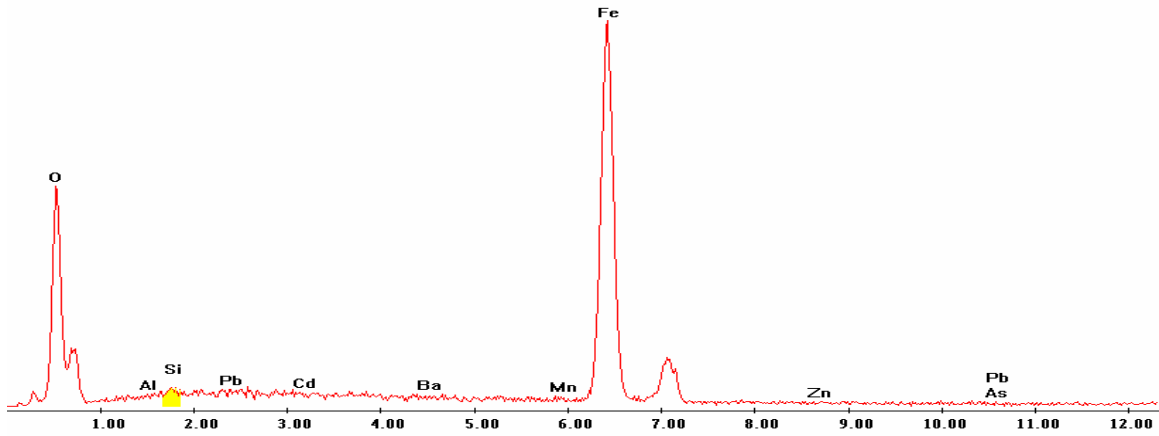
Label A: P4C8 X-391 Y-328 point 1



### Point 2

c:\edax32\genesis\genspc.spc

Label A: P4C8 X-391 Y-328 point 2

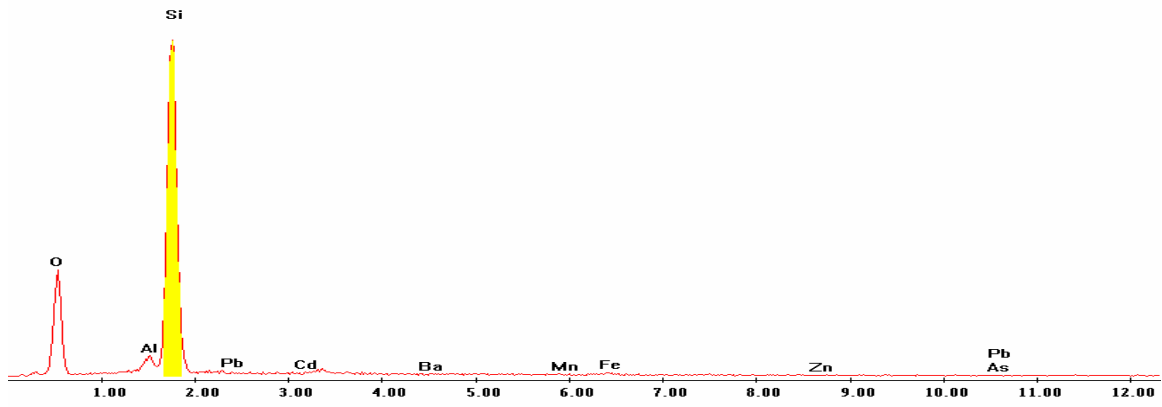




### Point 3

c:\edax32\genesis\genspc.spc

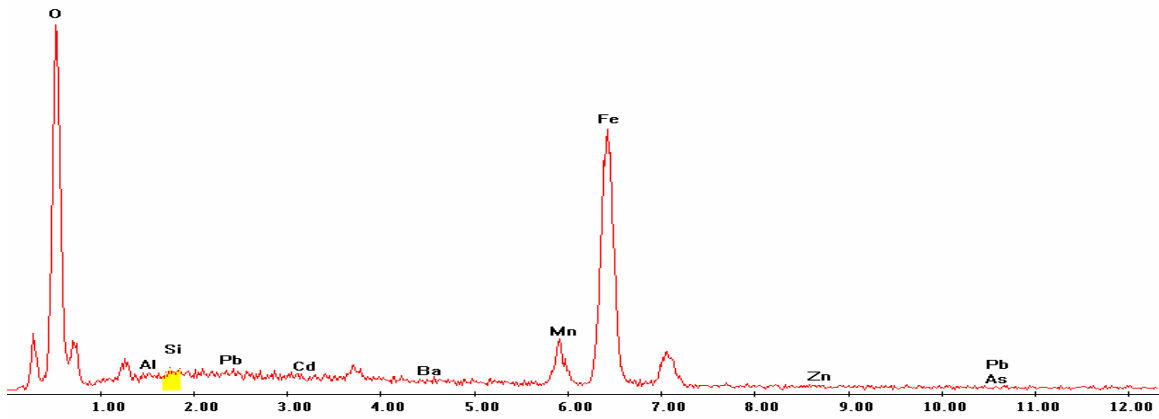
Label A: P4C8 X-391 Y-328 point 3



### Point 4

c:\edax32\genesis\genspc.spc

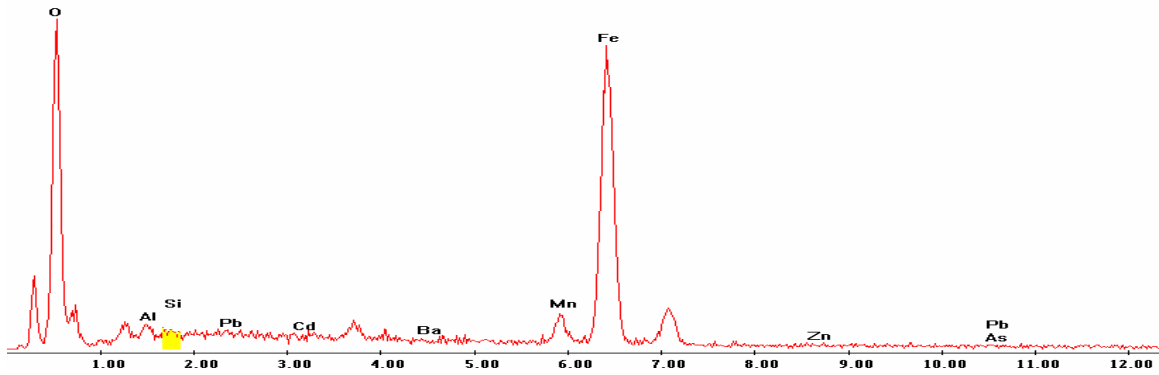
Label A: P4C8 X-391 Y-328 point 3



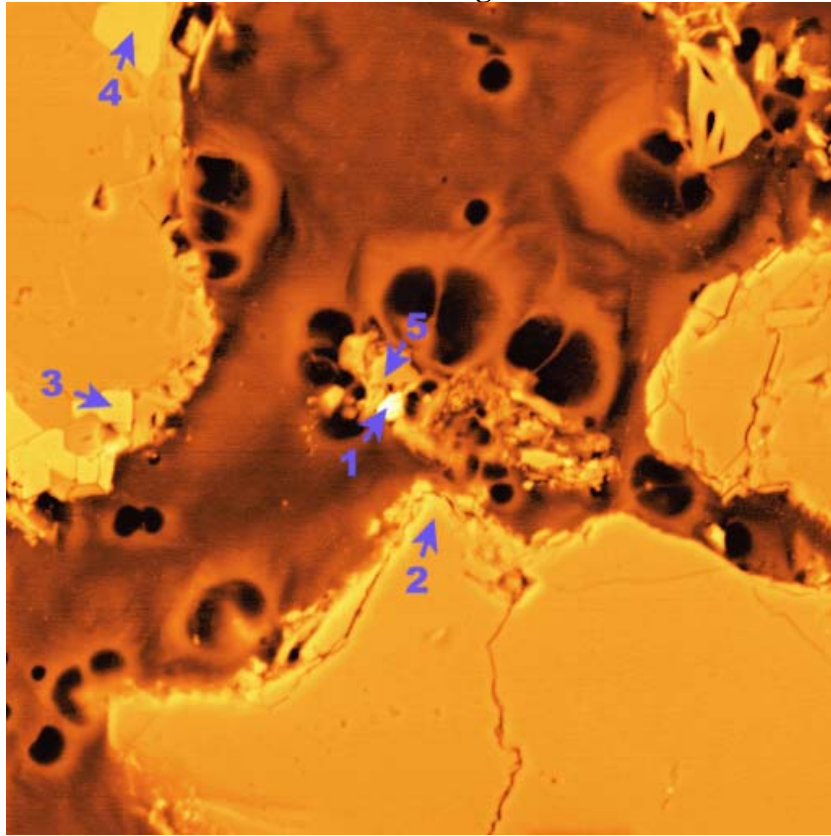
### Point 5

c:\edax32\genesis\genspc.spc

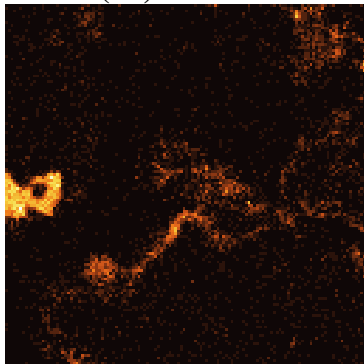
Label A: P4C8 X-391 Y-328 point 5



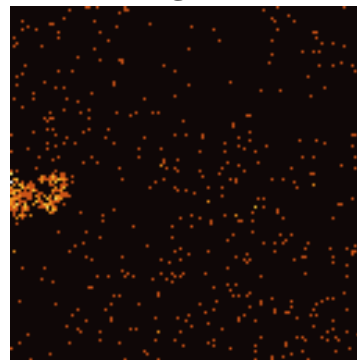
P4C8 – 408, 221  
BSE Image



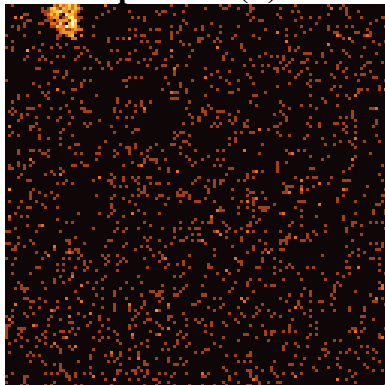
Iron (Fe)



Manganese (Mn)



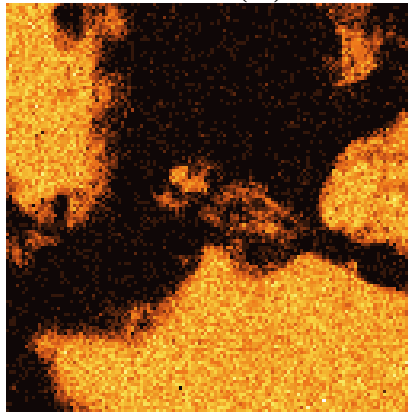
Phosphorous (P)



Lead (Pb)



### Silicon (Si)

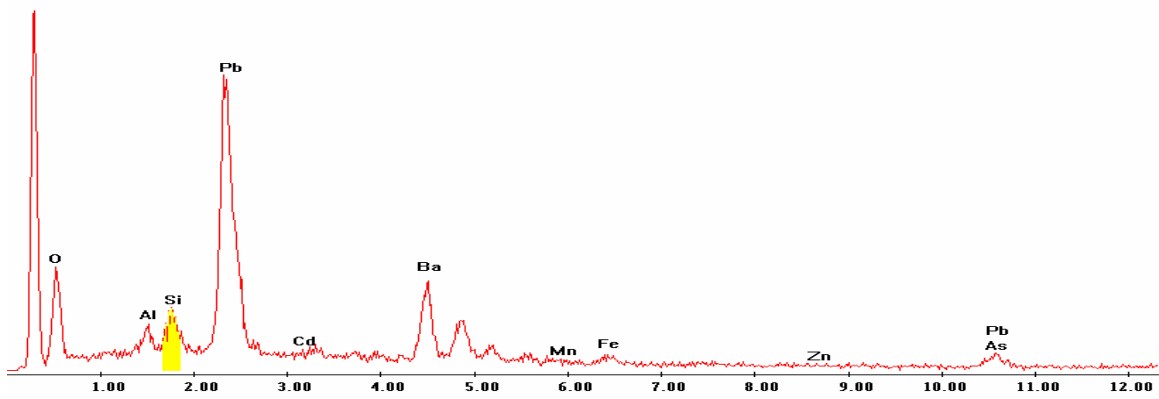


EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc

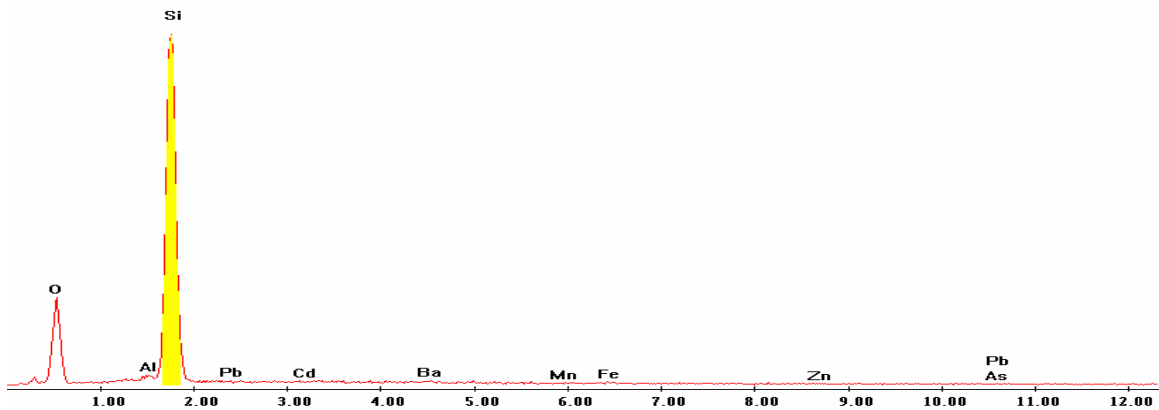
Label A: P4C8 X-408 Y-221 Point 1



### Point 2

c:\edax32\genesis\genspc.spc

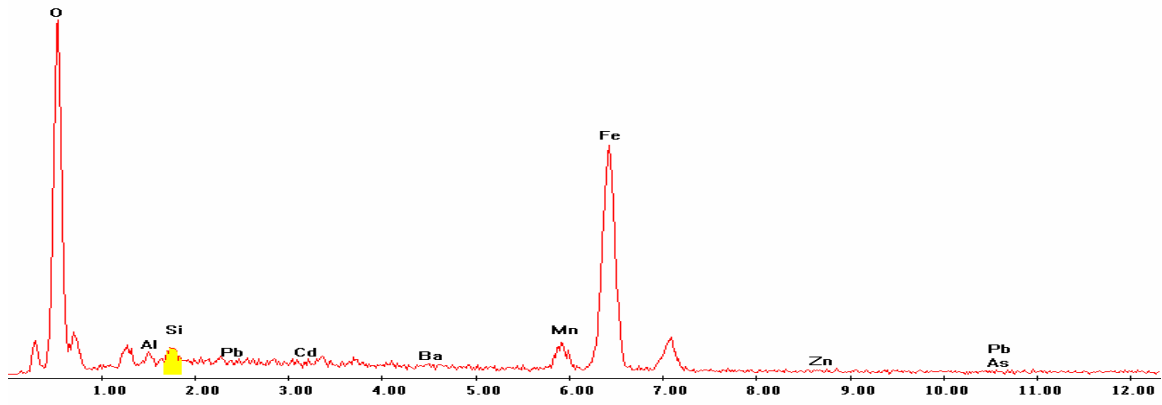
Label A: P4C8 X-408 Y-221 Point 2



### Point 3

c:\edax32\genesis\genspc.spc

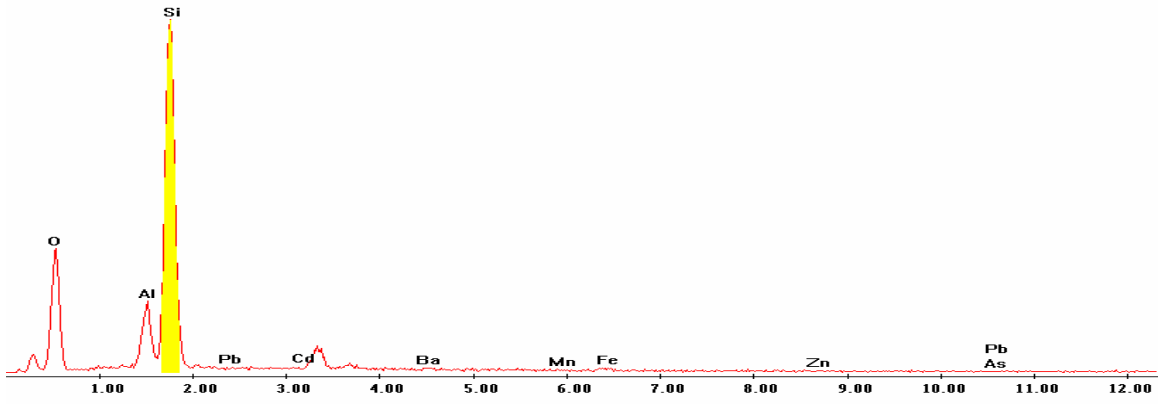
Label A: P4C8 X-408 Y-221Point 3



### Point 4

c:\edax32\genesis\genspc.spc

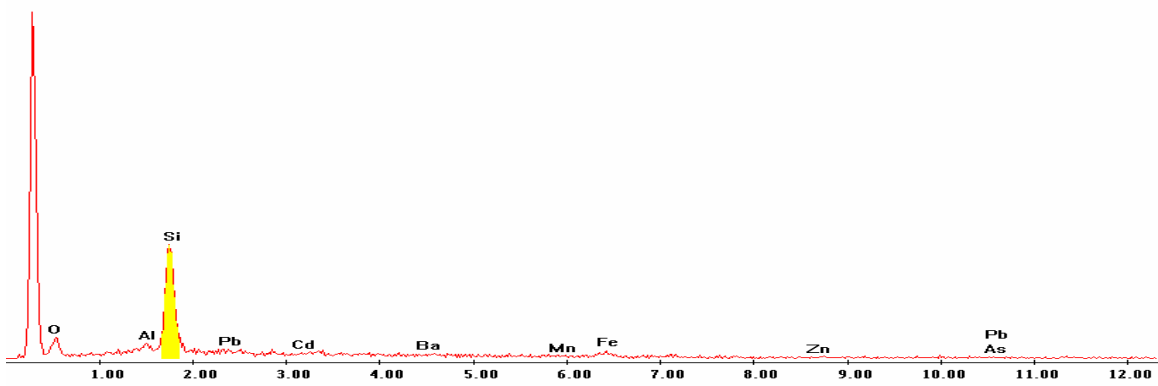
Label A: P4C8 X-408 Y-221Point 4



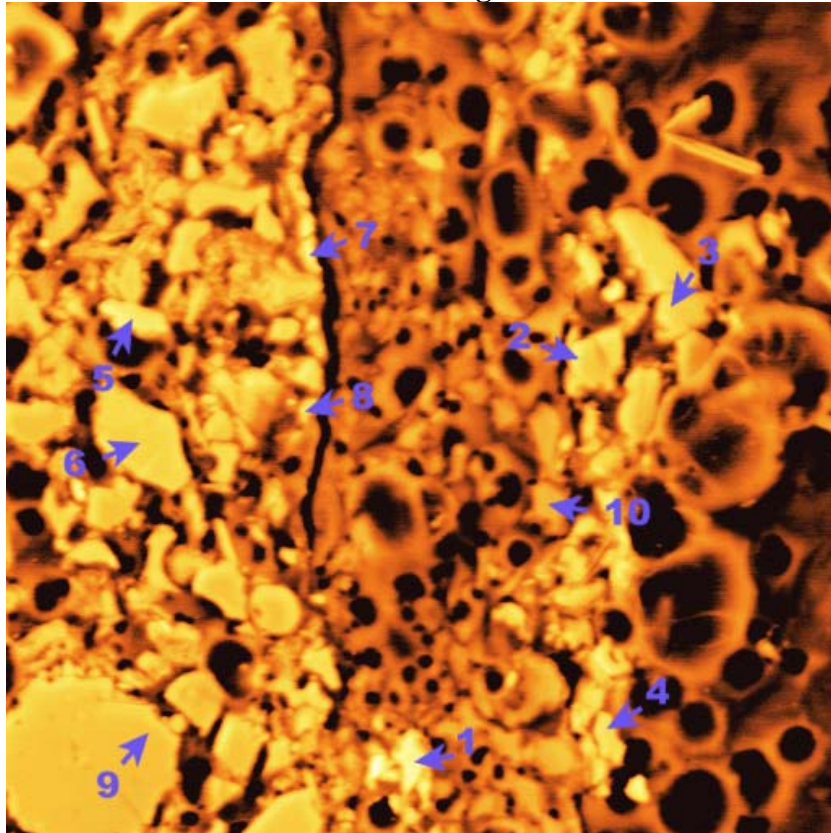
### Point 5

c:\edax32\genesis\genspc.spc

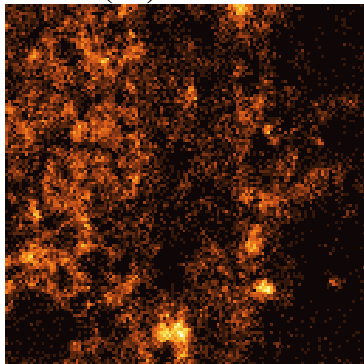
Label A: P4C8 X-408 Y-221Point 5



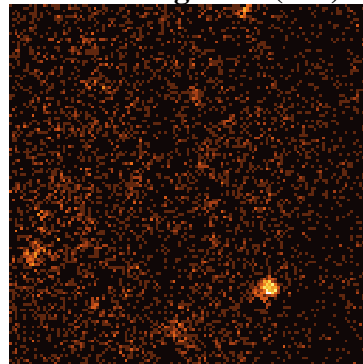
P4C8 – 424, 202  
BSE Image



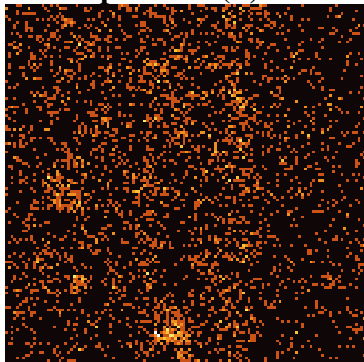
Iron (Fe)



Manganese (Mn)



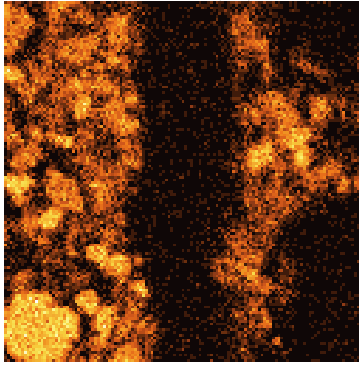
Phosphorous (P)



Lead (Pb)



# Silicon (Si)



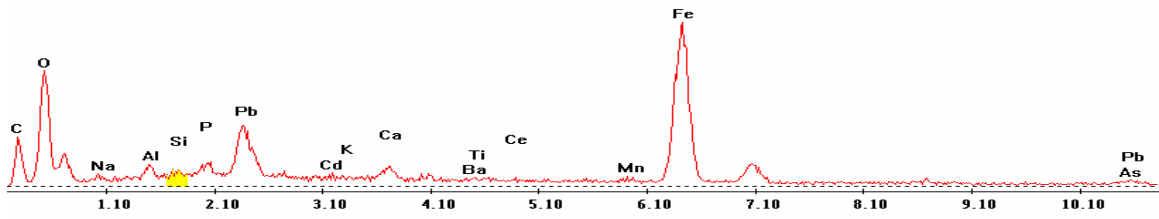
## EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 1

Label B: H K

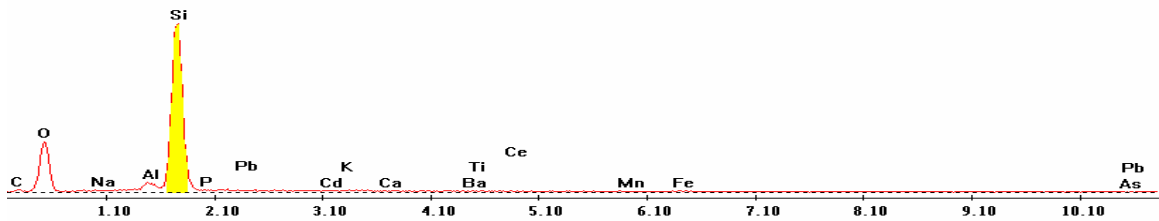


### Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 2

Label B: H K

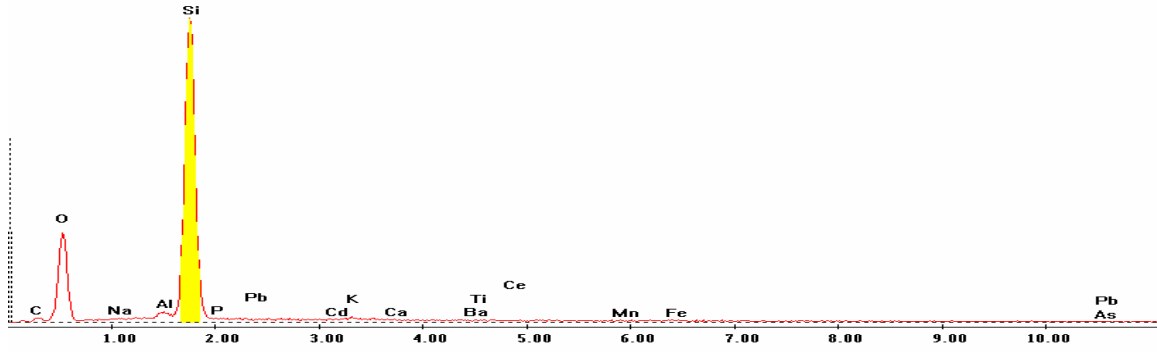


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 3

Label B: H K

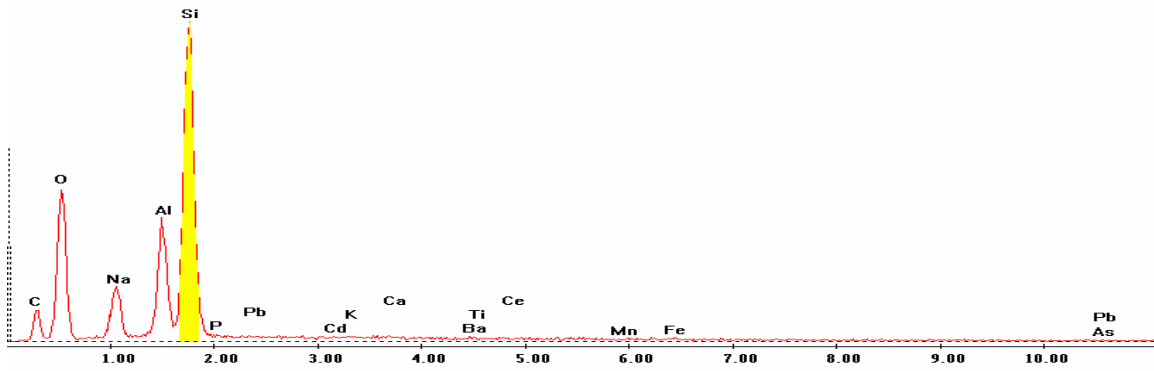


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 4

Label B: H K

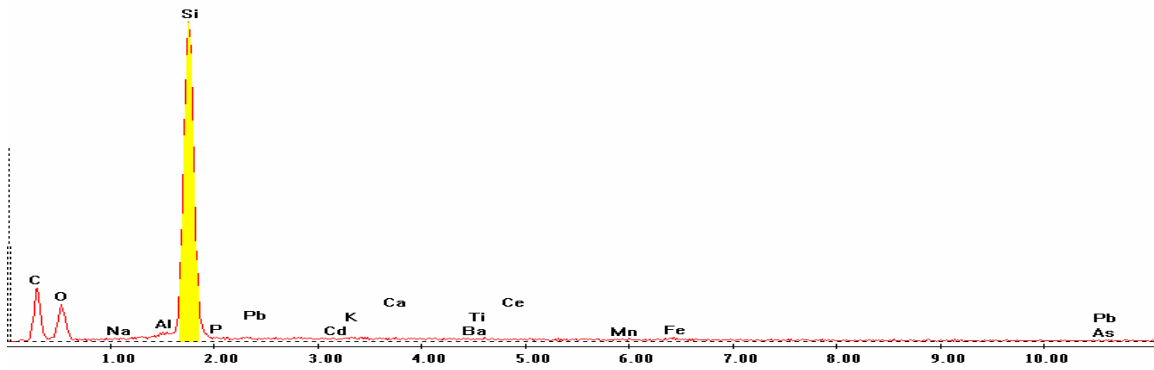


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 5

Label B: H K

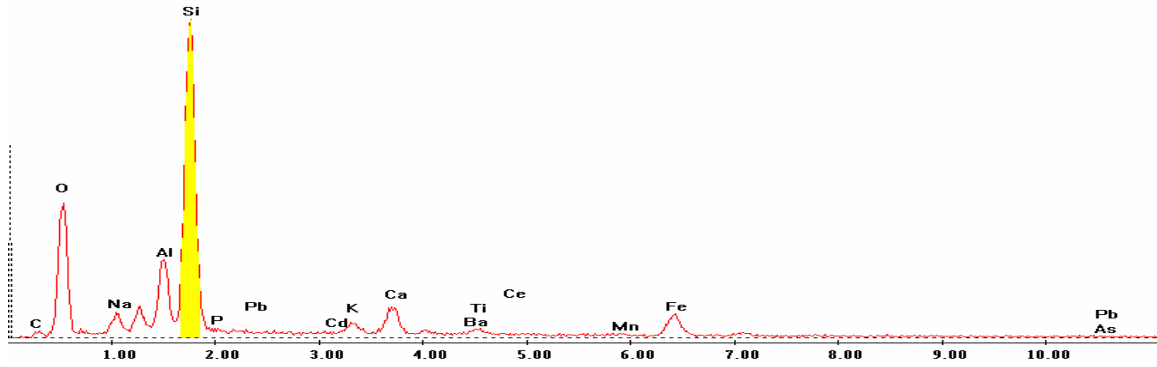


## Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 6

Label B: H K

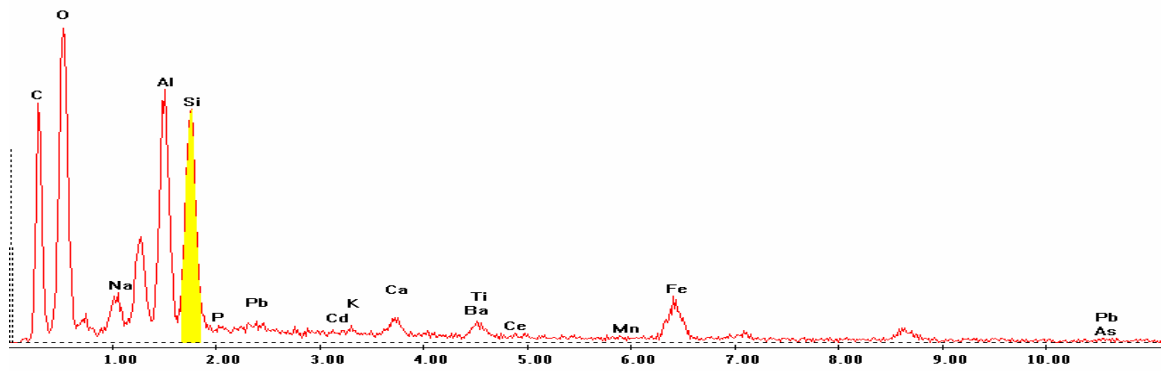


## Point 7

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 7

Label B: H K

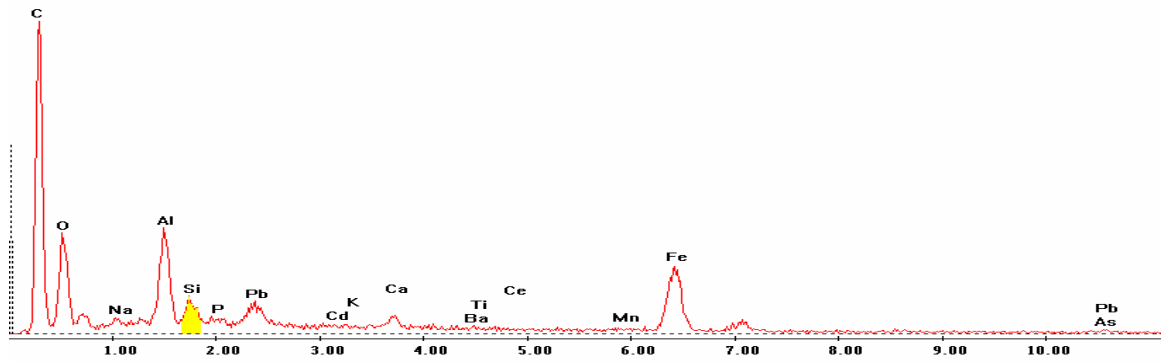


## Point 8

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 8

Label B: H K



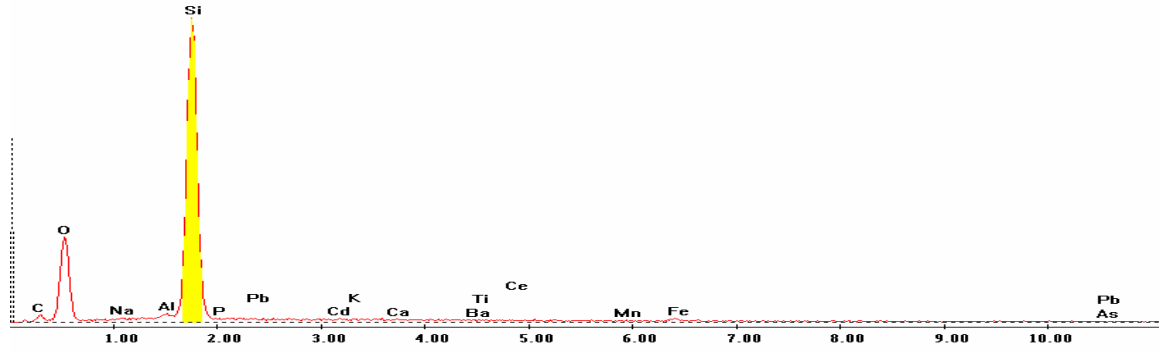


## Point 9

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 9

Label B: H K

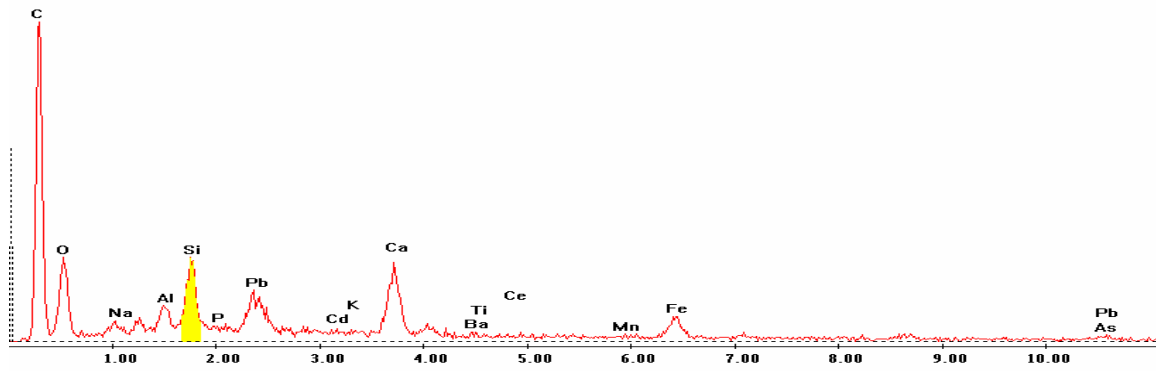


## Point 10

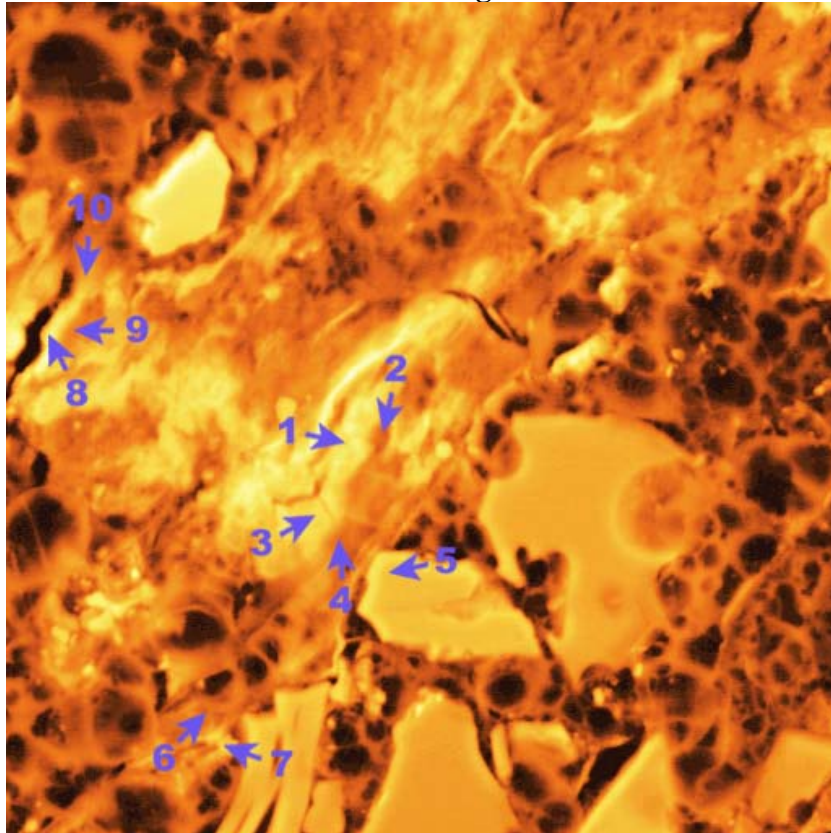
c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 pP4C8 424 202 Point 10

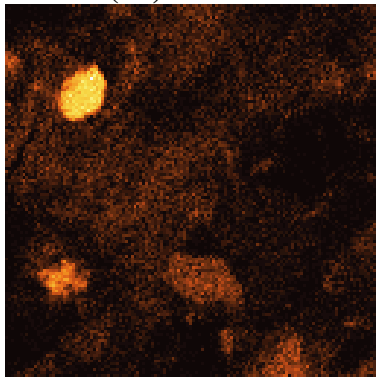
Label B: H K



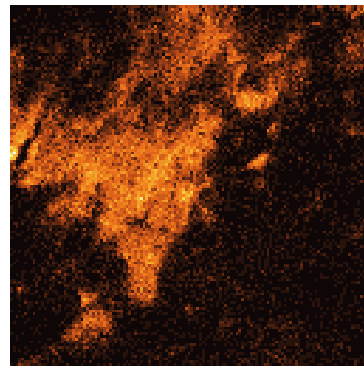
P4C8 – 424, 217  
BSE Image



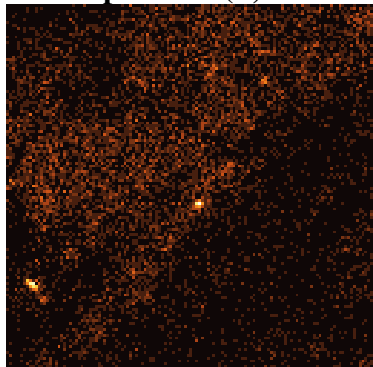
**Iron (Fe)**



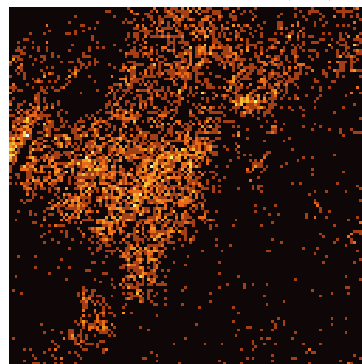
**Manganese (Mn)**



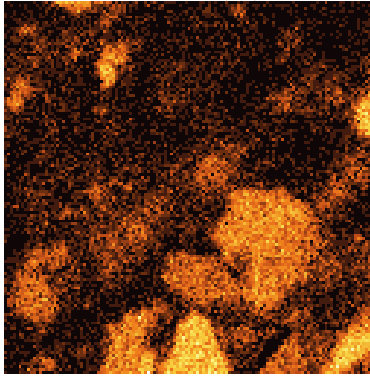
**Phosphorous (P)**



**Lead (Pb)**



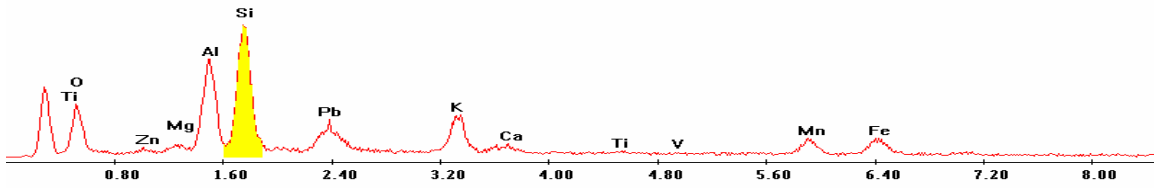
### Silicon (Si)



EDS Scan Images by Point

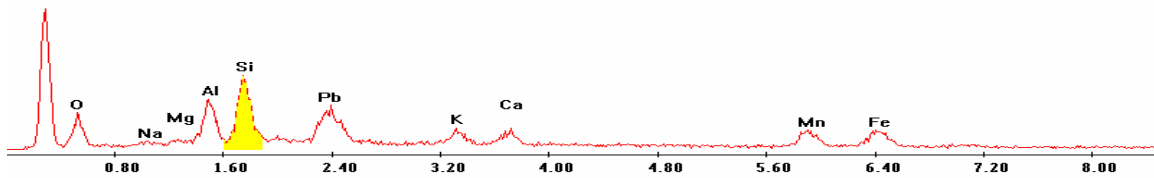
### Point 1

Label A: 16jun04 P6C7 424 217 Point 1



### Point 2

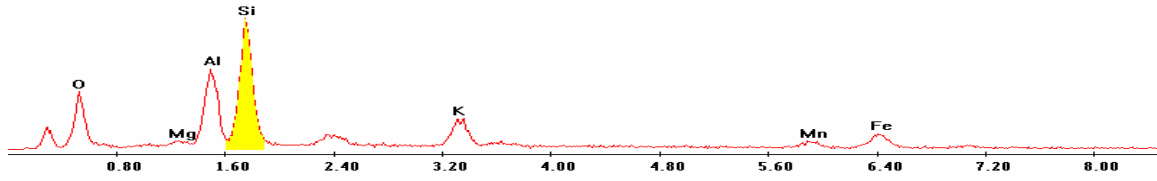
Label A: 16jun04 P6C7 424 217 Point 2



### Point 3

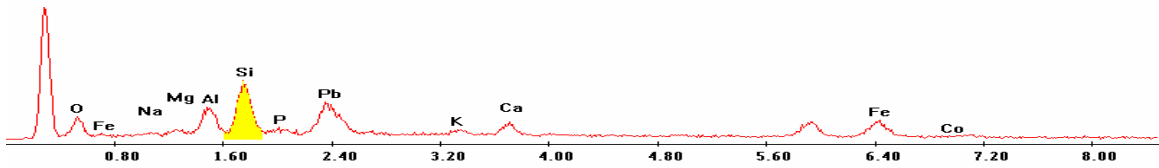
c:\edax32\genesis\genspc.spc

Label A: 16jun04 P6C7 424 217 Point 3



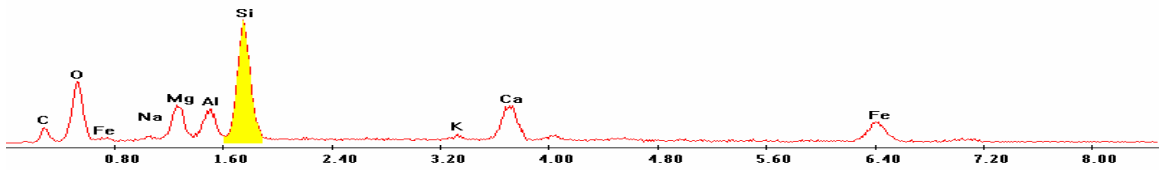
### Point 4

Label A: 16jun04 P6C7 424 217 Point 4



### Point 5

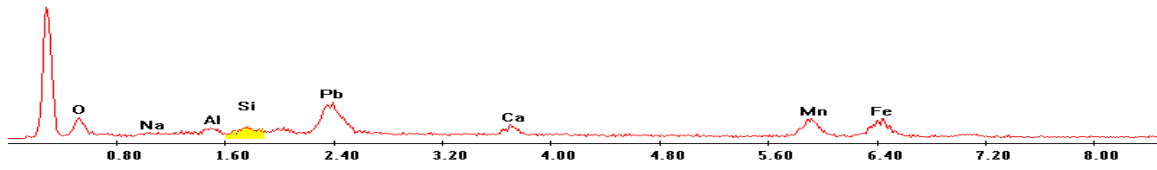
Label A: 16jun04 P6C7 424 217 Point 5



## Point 6

c:\edax32\genesis\genspc.spc

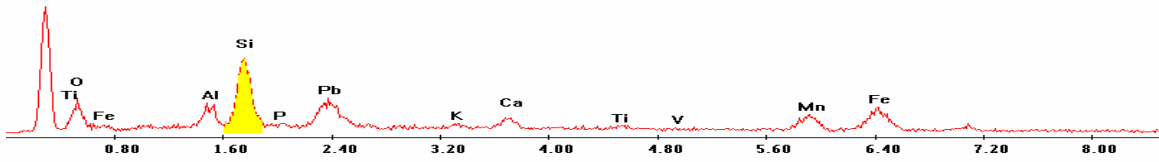
Label A: 16jun04 P6C7 424 217 Point 6



## Point 7

c:\edax32\genesis\genspc.spc

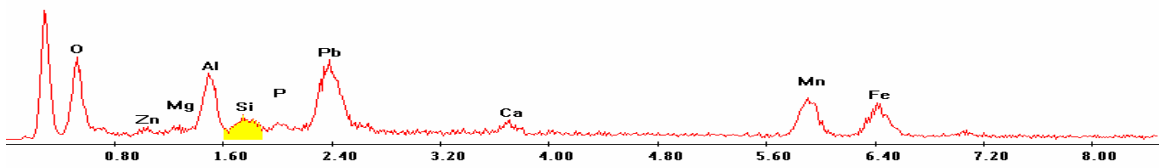
Label A: 16jun04 P6C7 424 217 Point 7



## Point 8

c:\edax32\genesis\genspc.spc

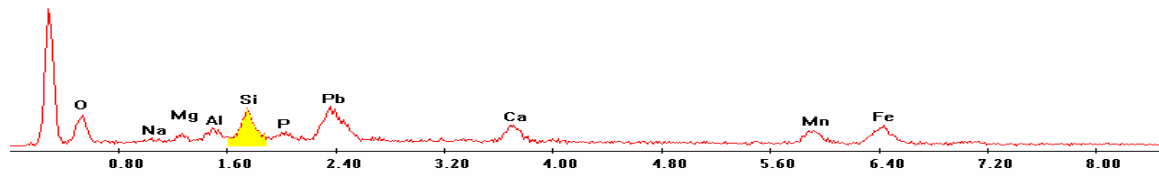
Label A: 16jun04 P6C7 424 217 Point 8



## Point 9

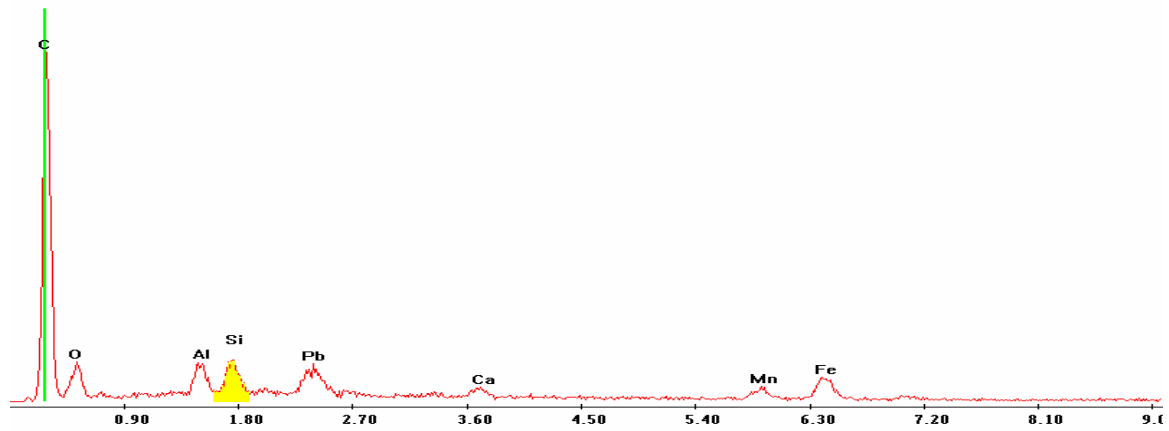
c:\edax32\genesis\genspc.spc

Label A: 16jun04 P6C7 424 217 Point 9

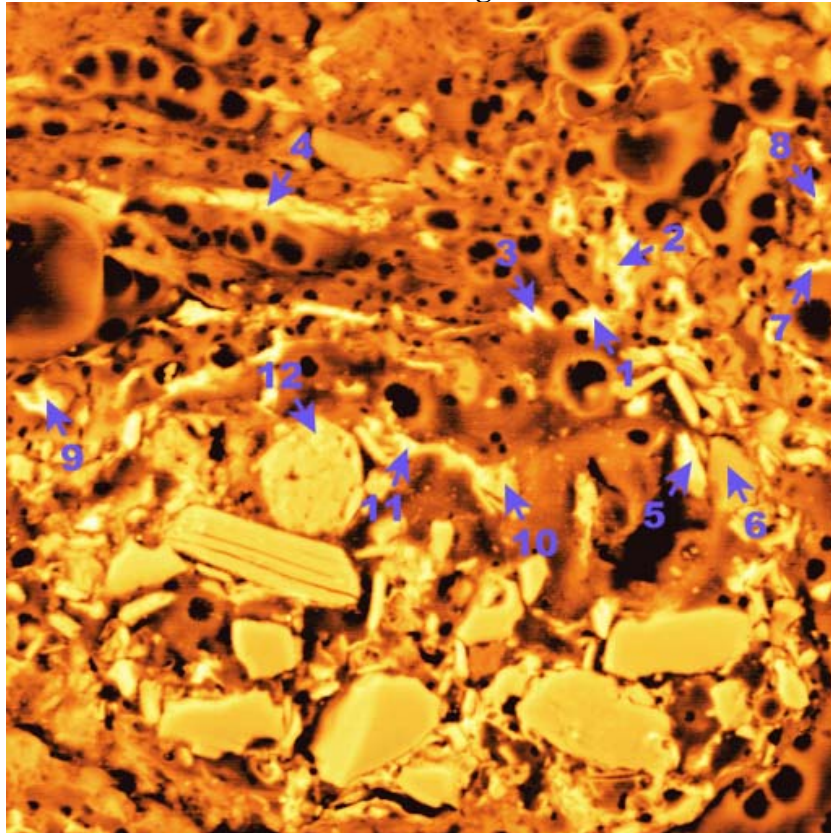


## Point 10

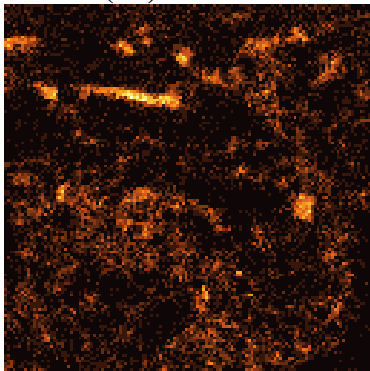
Label A: 16jun04 P6C7 424 217 Point 10



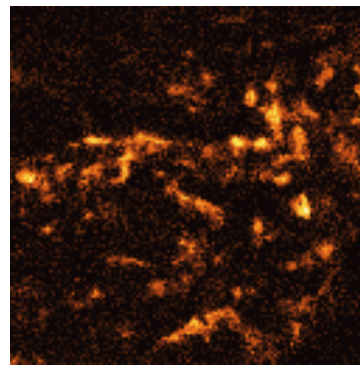
P4C8 – 470, 208  
BSE Image



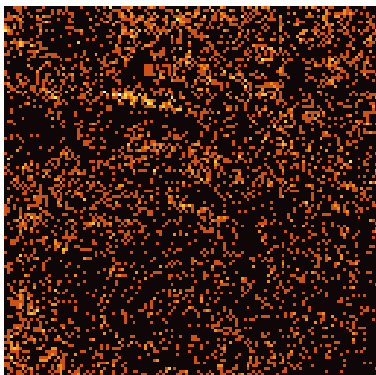
**Iron (Fe)**



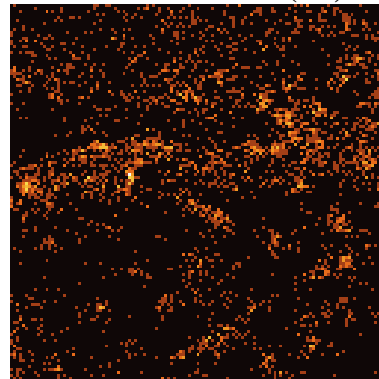
**Manganese (Mn)**



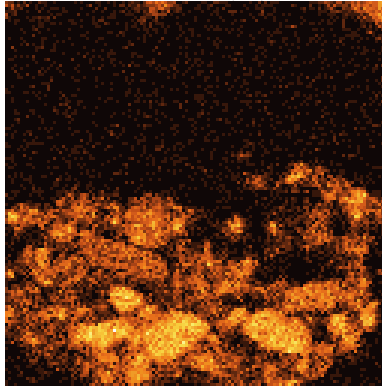
**Phosphorous (P)**



**Lead (Pb)**



## Silicon (Si)



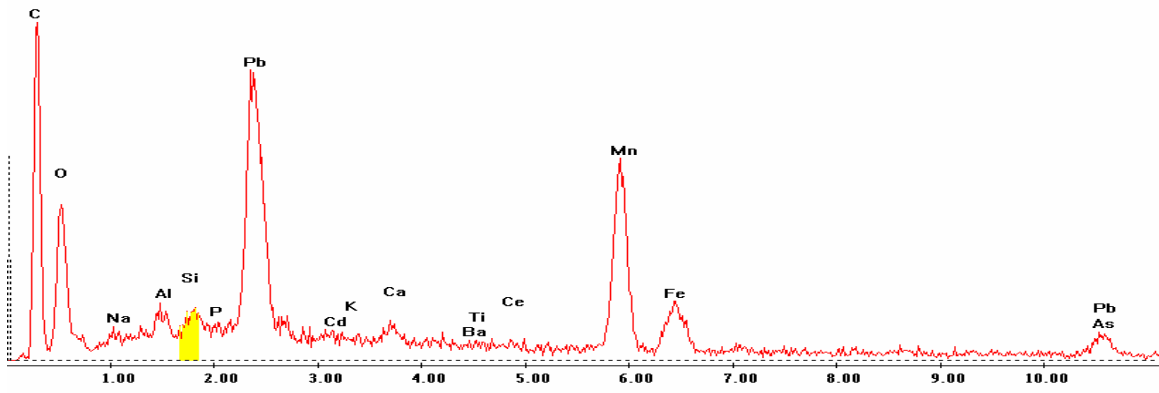
EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 1

Label B: H K

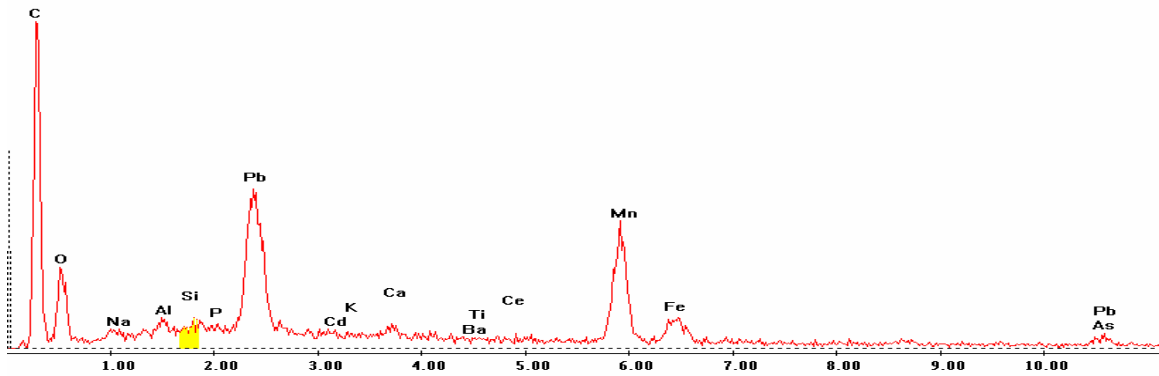


### Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 2

Label B: H K



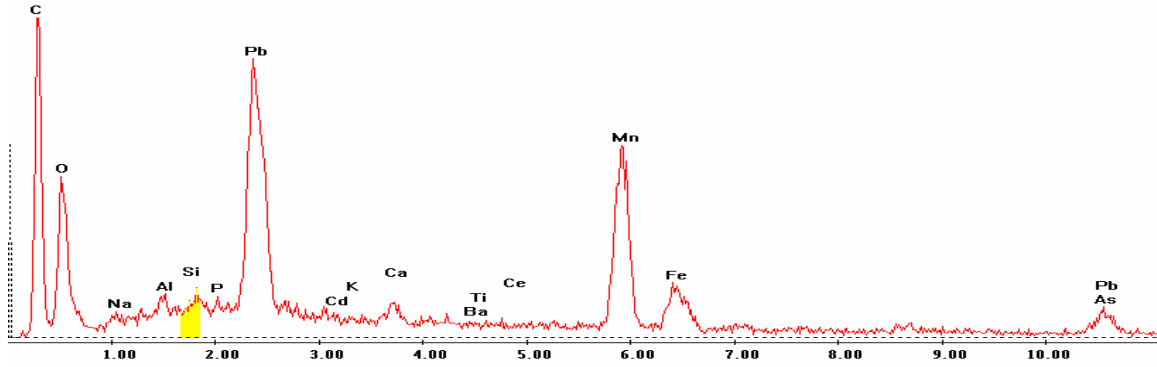


### Point 3

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 3

Label B: H K

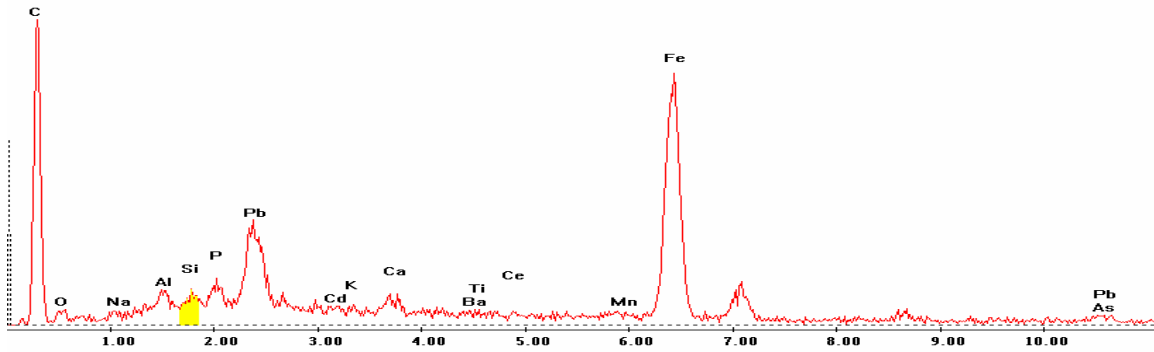


### Point 4

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 4

Label B: H K

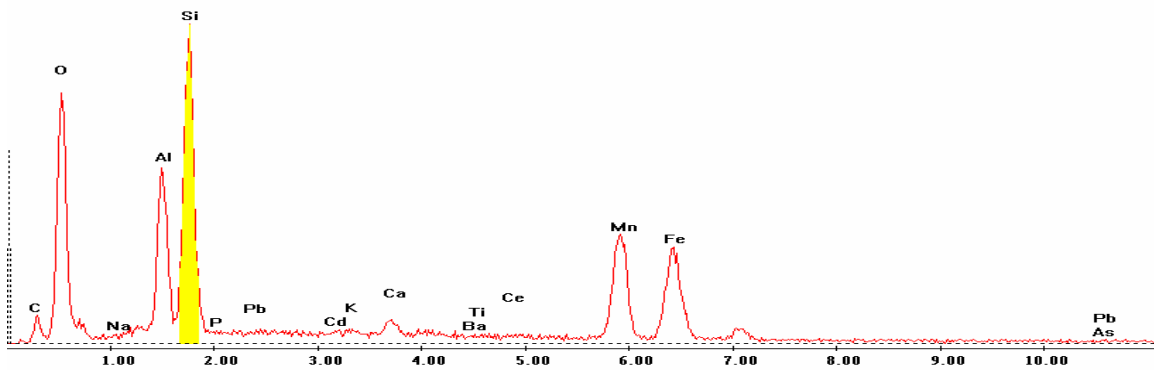


### Point 5

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 5

Label B: H K

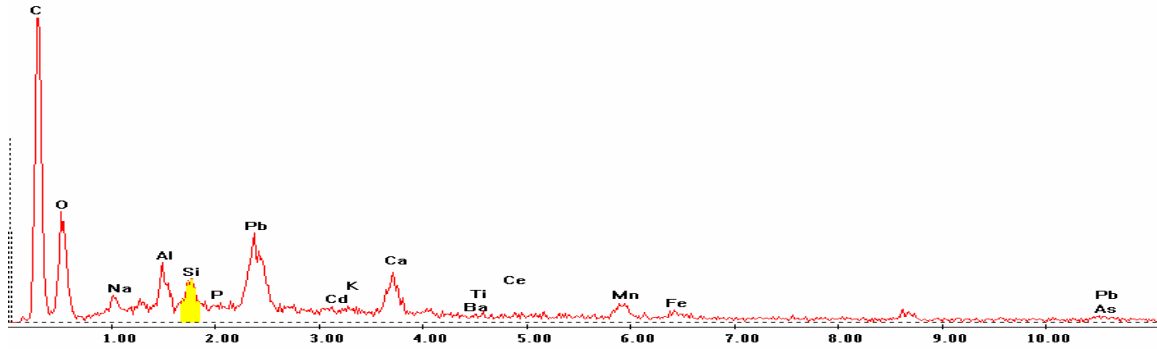


## Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 6

Label B: H K

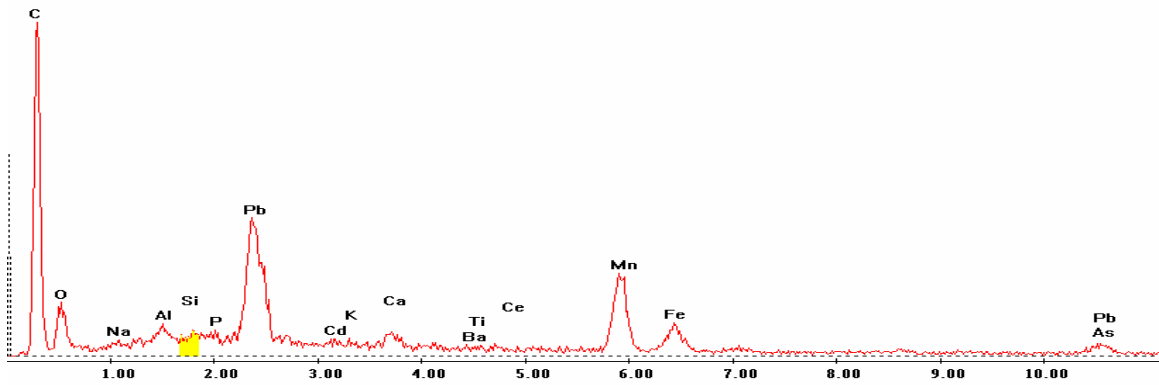


## Point 7

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 7

Label B: H K

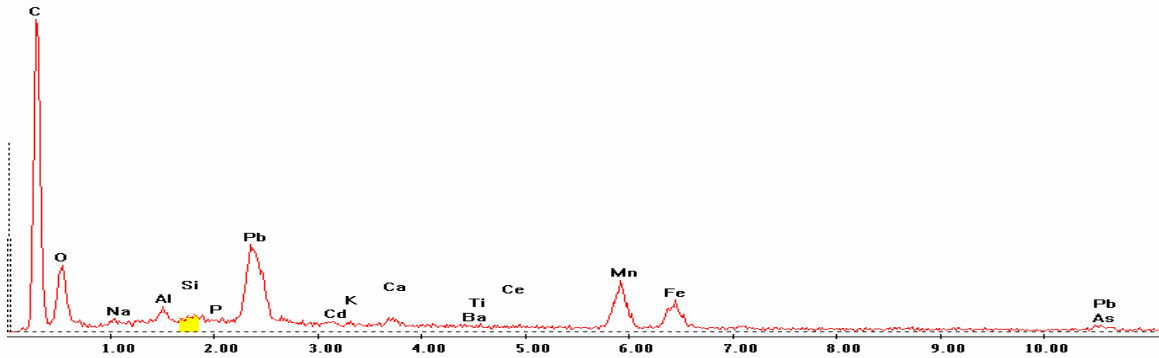


## Point 8

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 8

Label B: H K

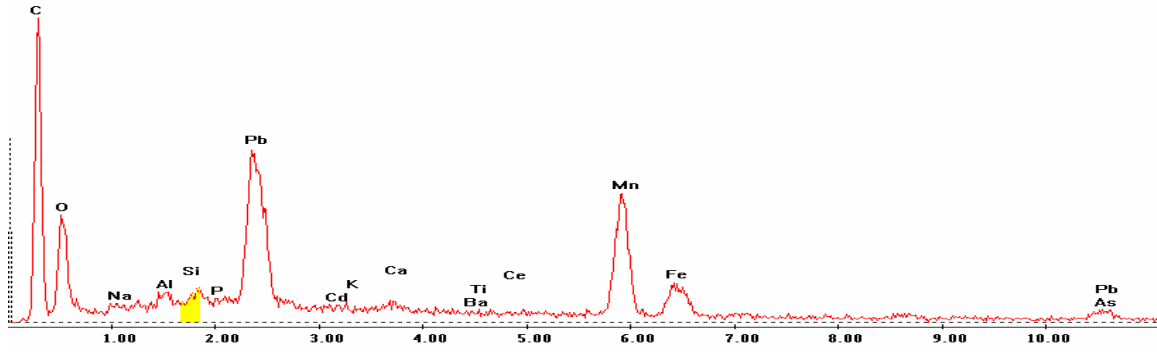


### Point 9

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 9

Label B: H K

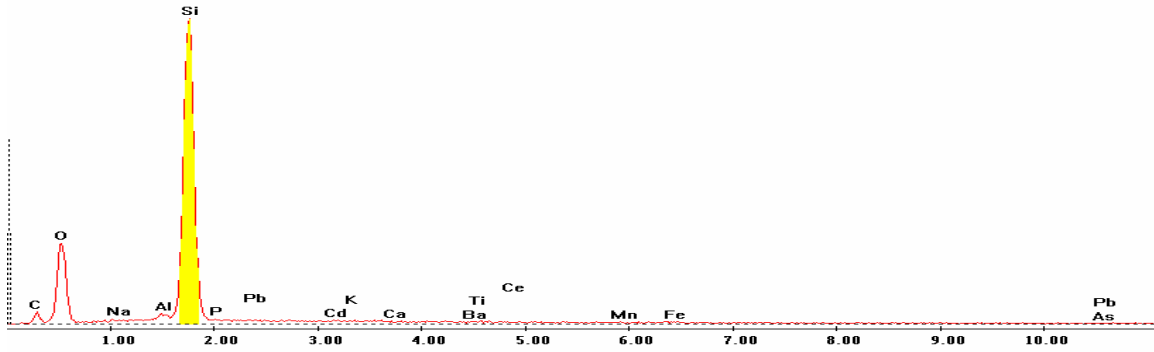


### Point 10

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 10

Label B: H K

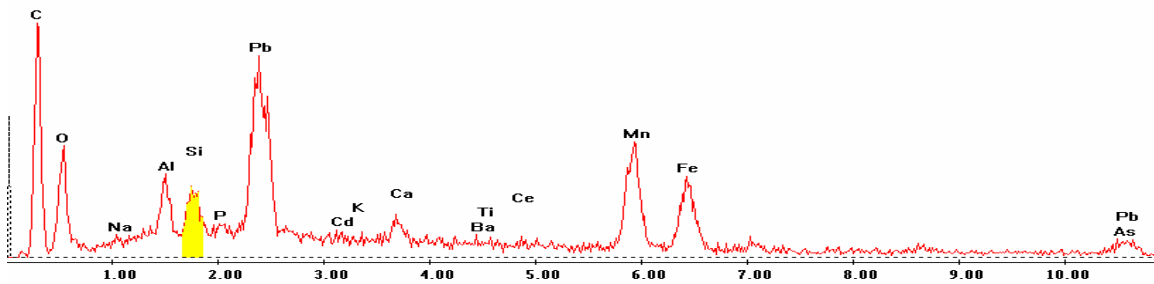


### Point 11

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 11

Label B: H K

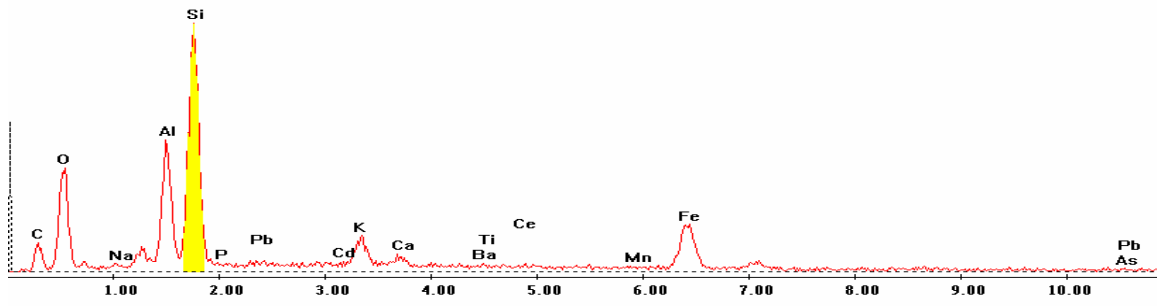


# Point 12

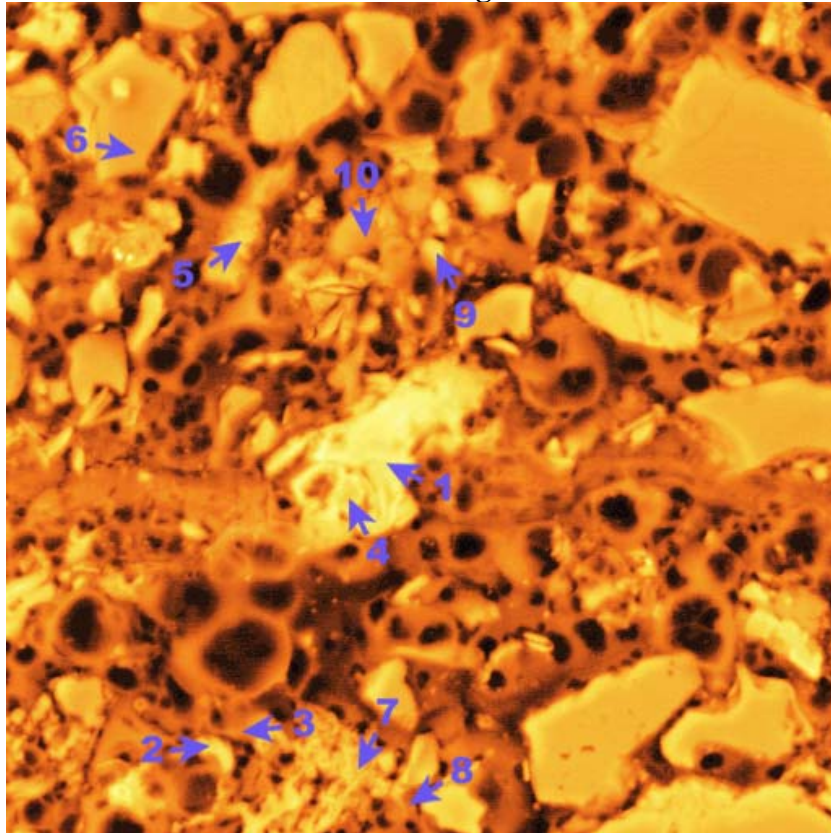
c:\edax32\genesis\genspc.spc/-peakgen.spc

Label A: 20apr04 P4C8 470 208 Point 12

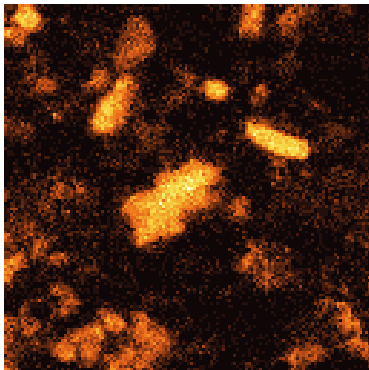
Label B: H K



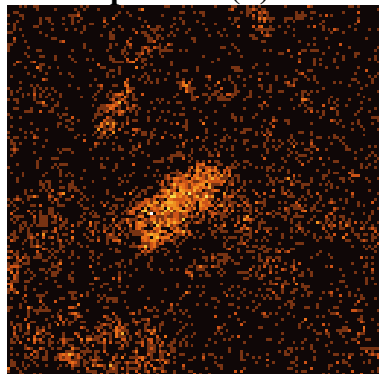
P4C8 – 473, 203  
BSE Image



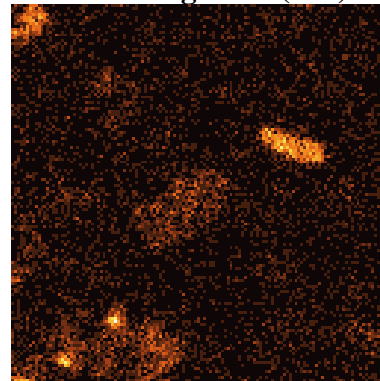
Iron (Fe)



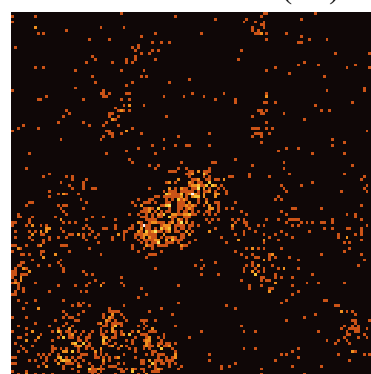
Phosphorous (P)



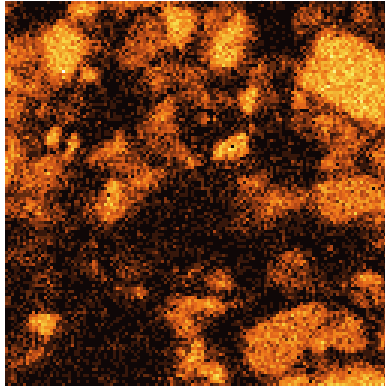
Manganese (Mn)



Lead (Pb)



### Silicon (Si)

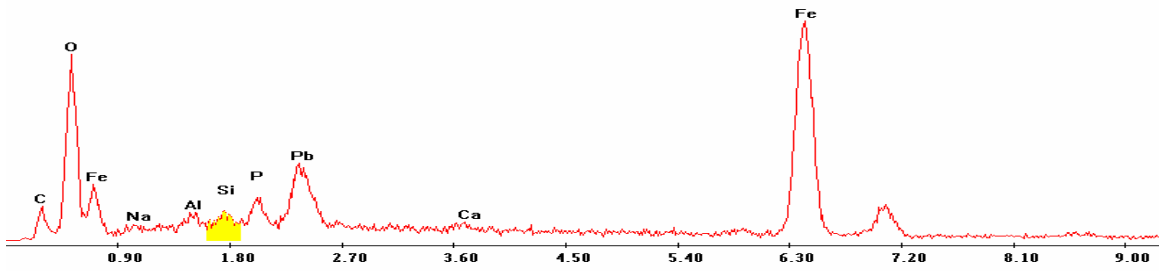


EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc

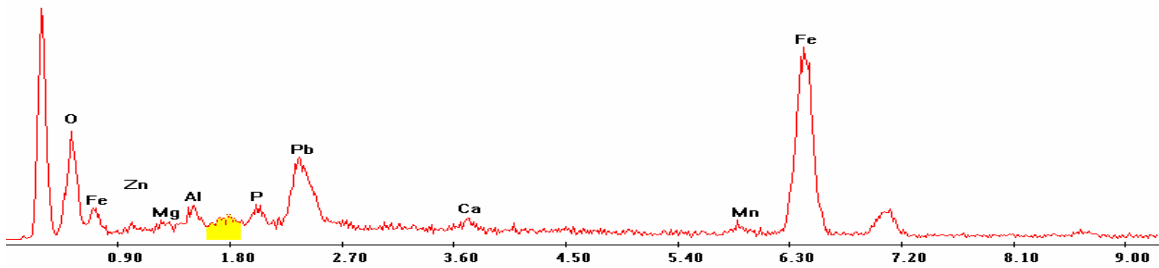
Label A: 16jun04 P4C8 473 203 Point 1



### Point 2

c:\edax32\genesis\genspc.spc

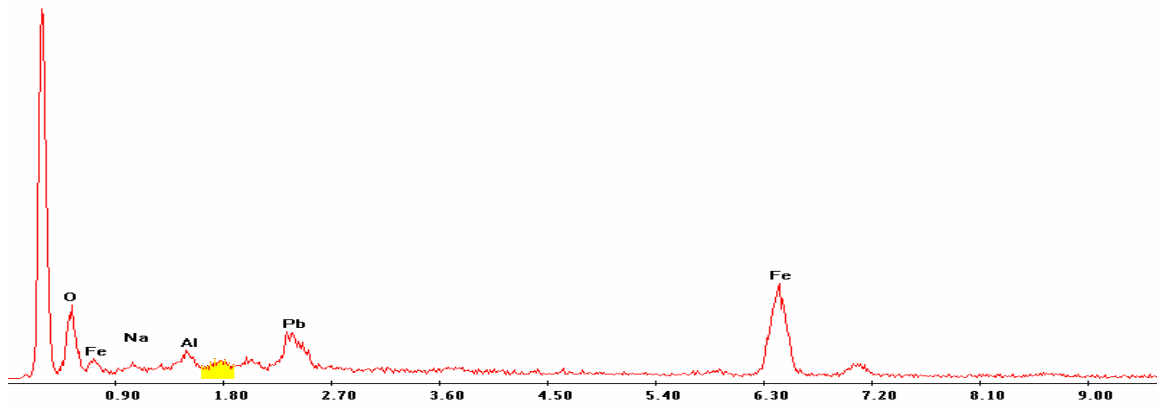
Label A: 16jun04 P4C8 473 203 Point 2



### Point 3

c:\edax32\genesis\genspc.spc

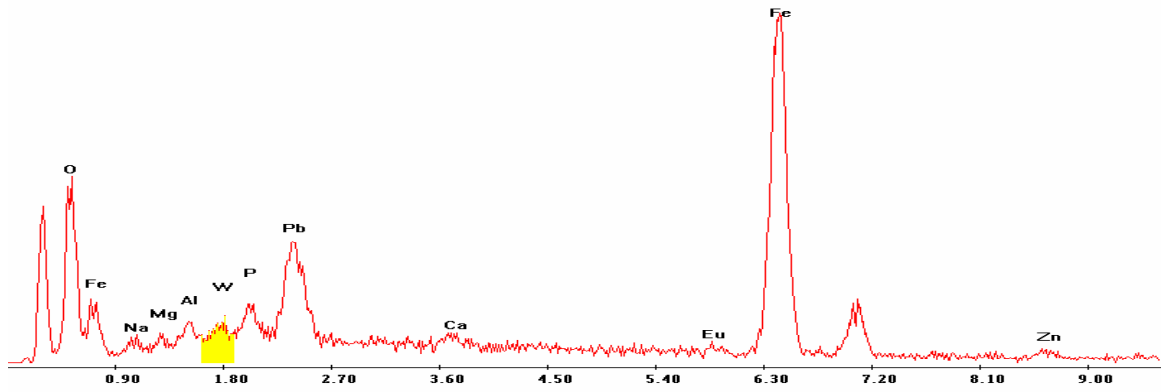
Label A: 16jun04 P4C8 473 203 Point 3



### Point 4

c:\edax32\genesis\genspc.spc

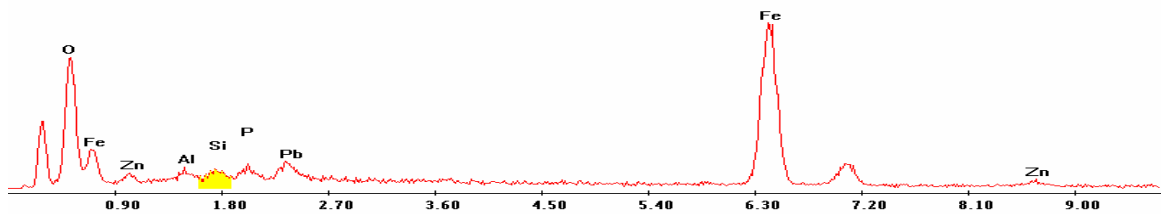
Label A: 16jun04 P4C8 473 203 Point 4



### Point 5

c:\edax32\genesis\genspc.spc

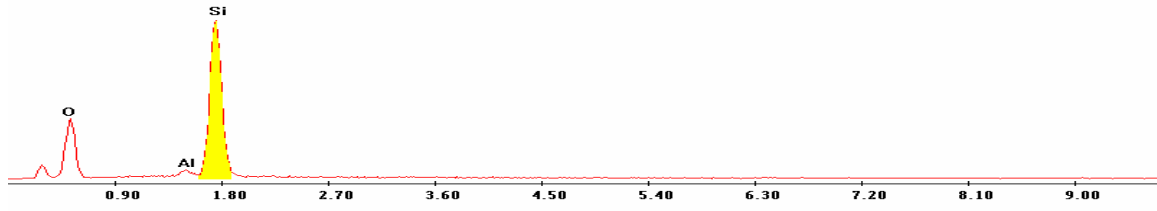
Label A: 16jun04 P4C8 473 203 Point 5



## Point 6

c:\edax32\genesis\genspc.spc

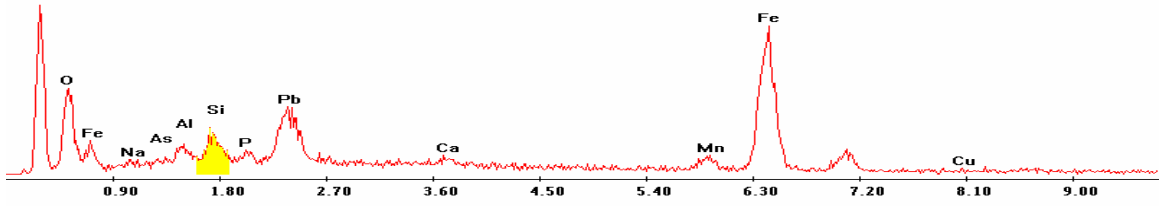
Label A: 16jun04 P4C8 473 203 Point 6



## Point 7

c:\edax32\genesis\genspc.spc

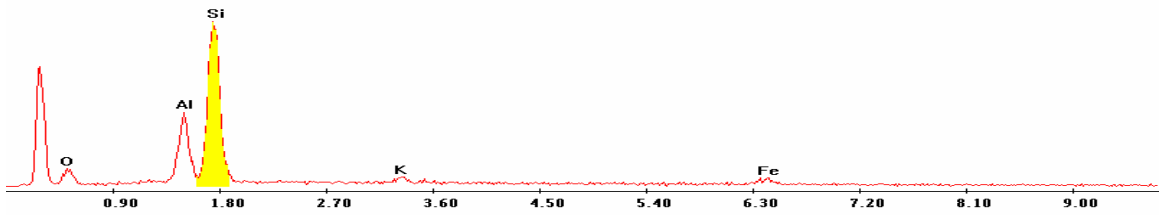
Label A: 16jun04 P4C8 473 203 Point 7



## Point 8

c:\edax32\genesis\genspc.spc

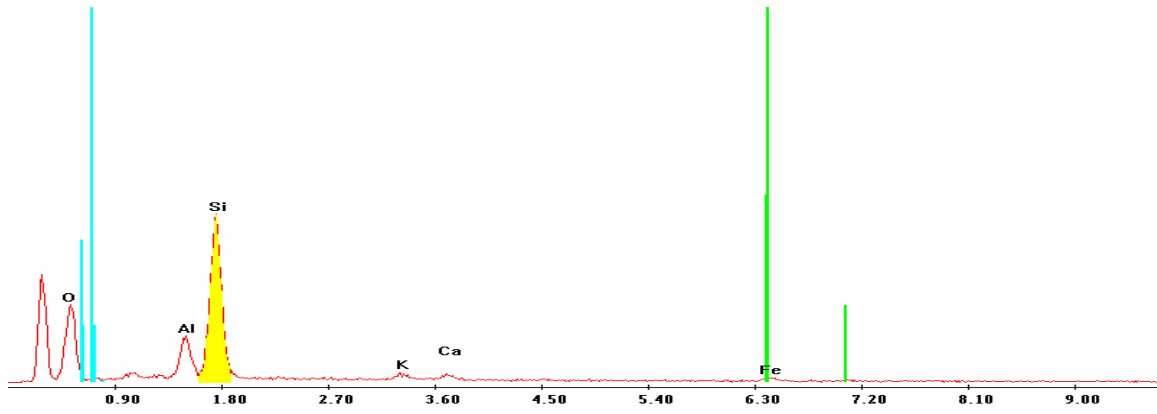
Label A: 16jun04 P4C8 473 203 Point 8





## Point 9

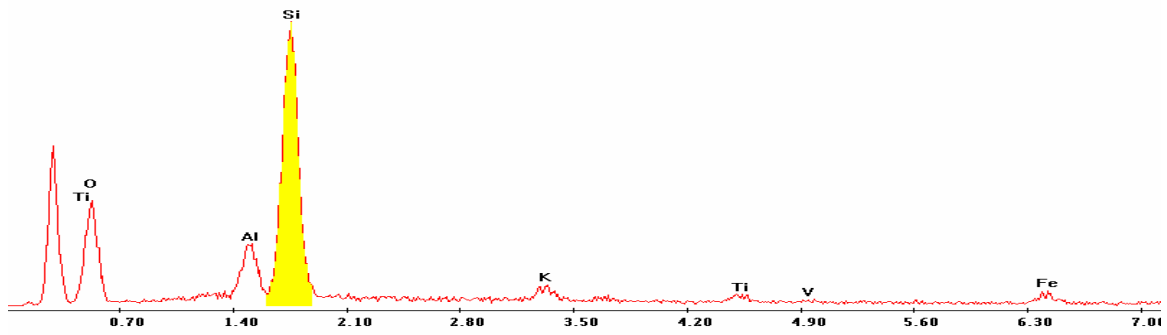
Label A: 16jun04 P4C8 473 203 Point 9



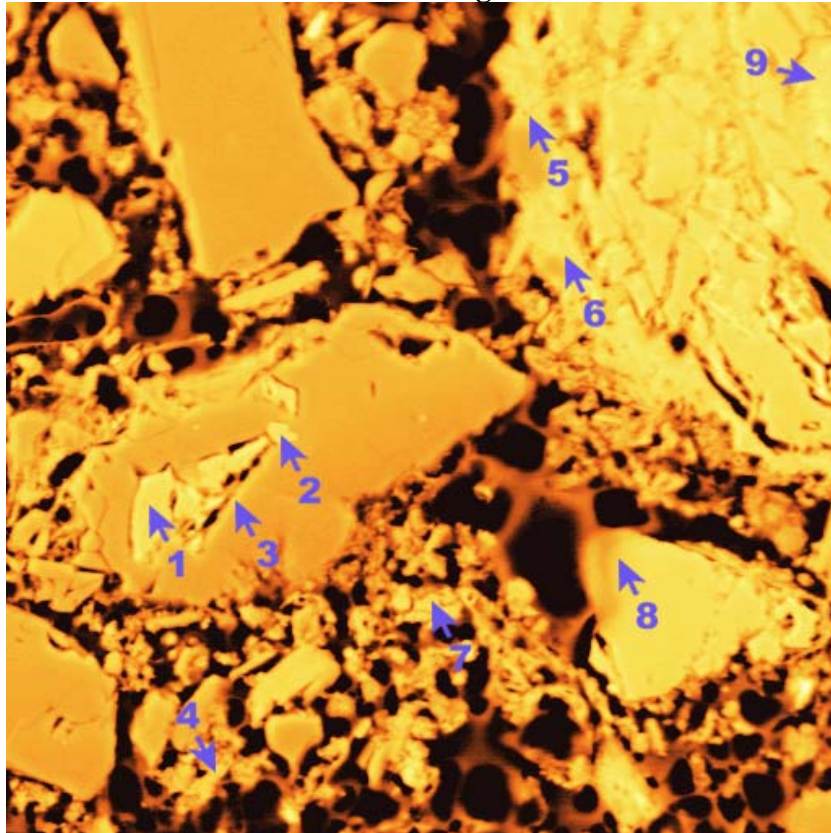
## Point 10

c:\edax32\genesis\genspc.spc

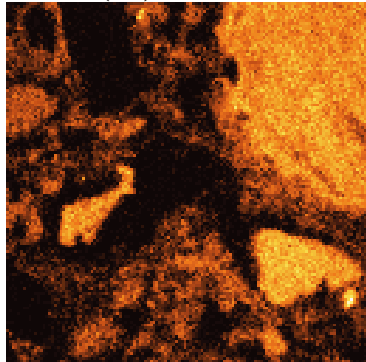
Label A: 16jun04 P4C8 473 203 Point 10



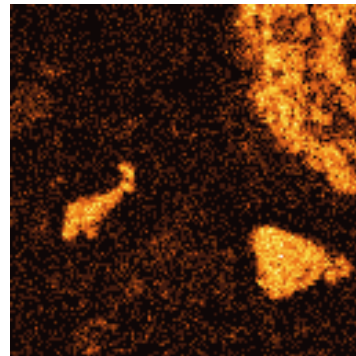
P4C9 – 319, 289  
BSE Image



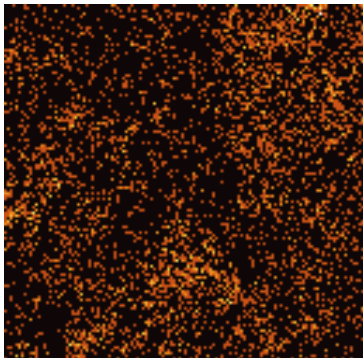
**Iron (Fe)**



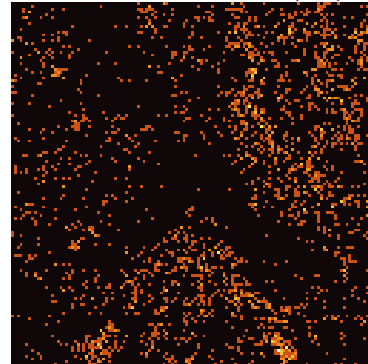
**Manganese (Mn)**



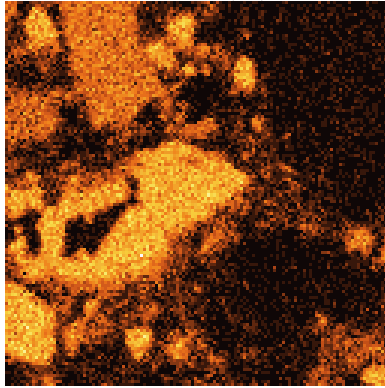
**Phosphorous (P)**



**Lead (Pb)**



# Silicon (Si)



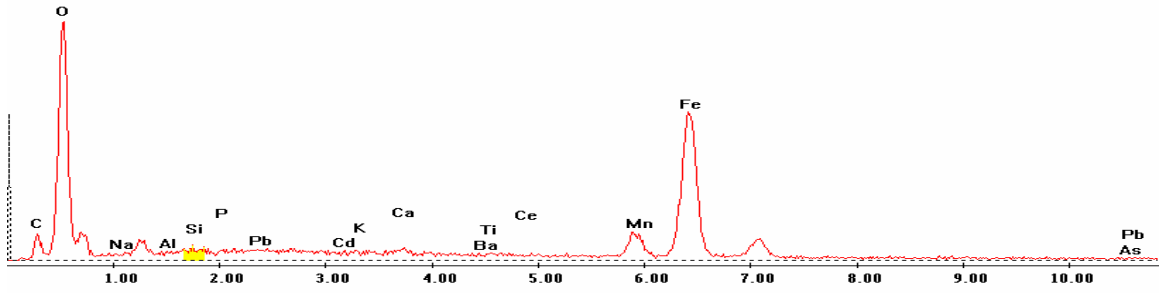
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 1

Label B: H K

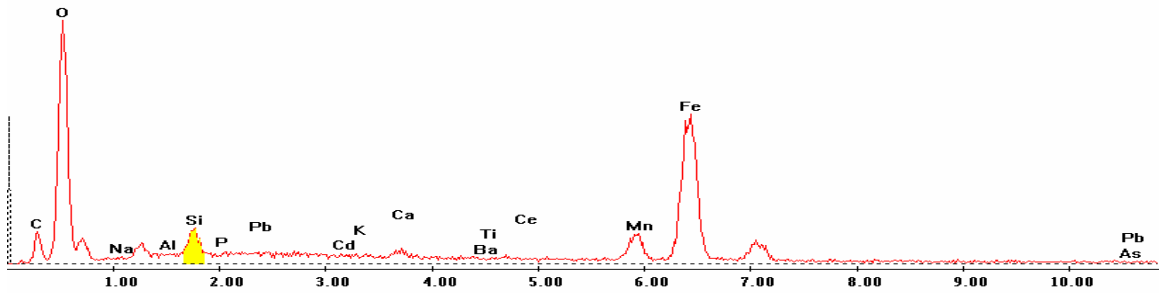


## Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 2

Label B: H K

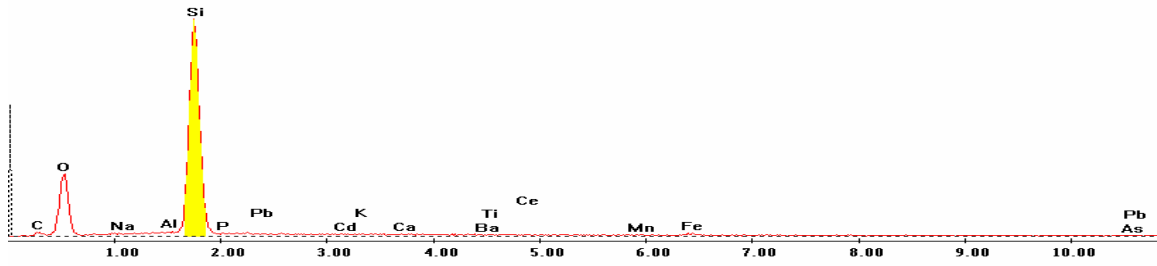


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 3

Label B: H K

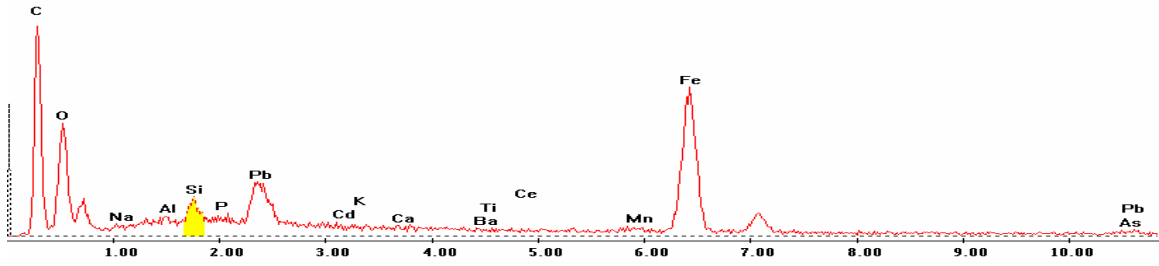


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 4

Label B: H K

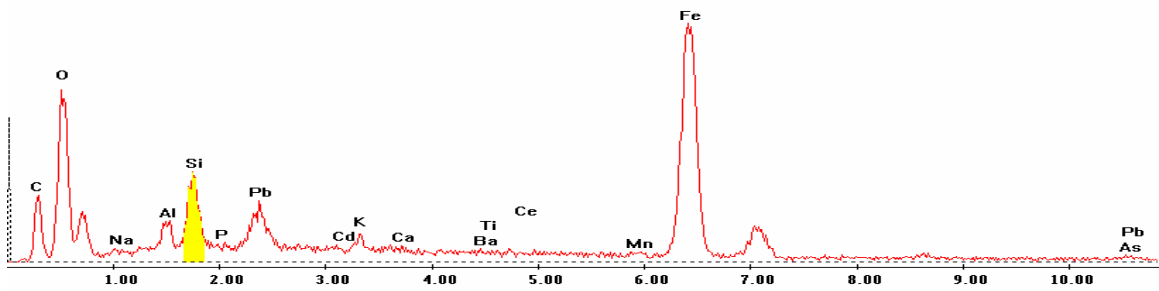


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 5

Label B: H K

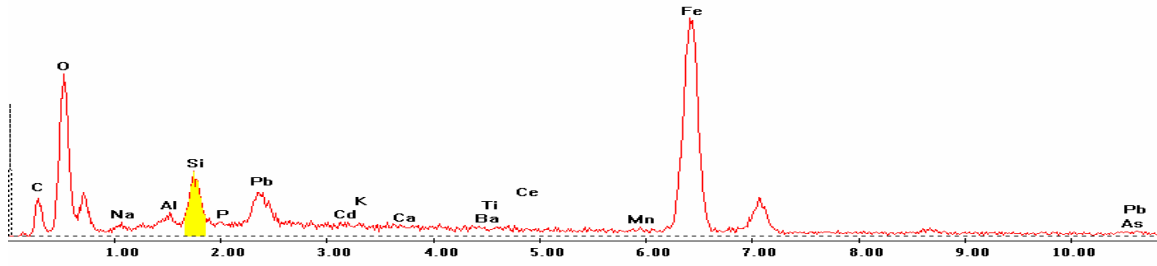


### Point 6

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 6

Label B: H K

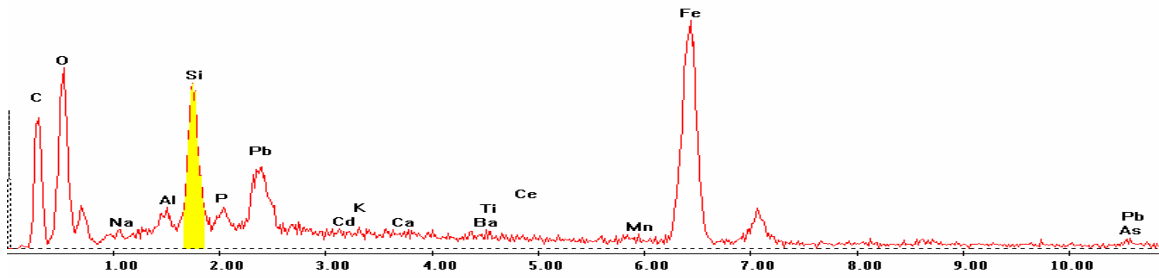


### Point 7

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 7

Label B: H K

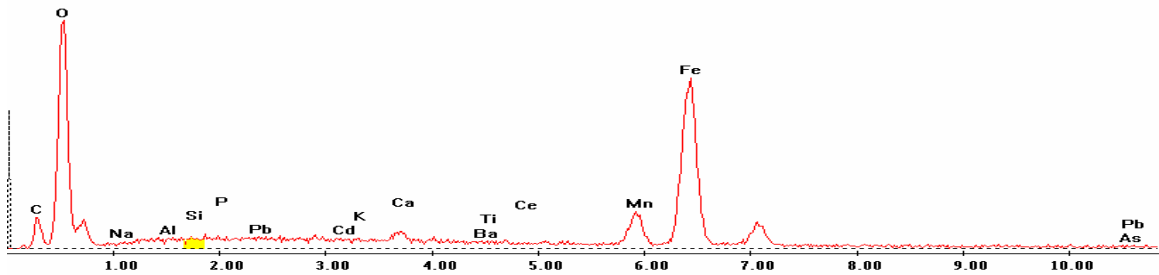


### Point 8

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 8

Label B: H K

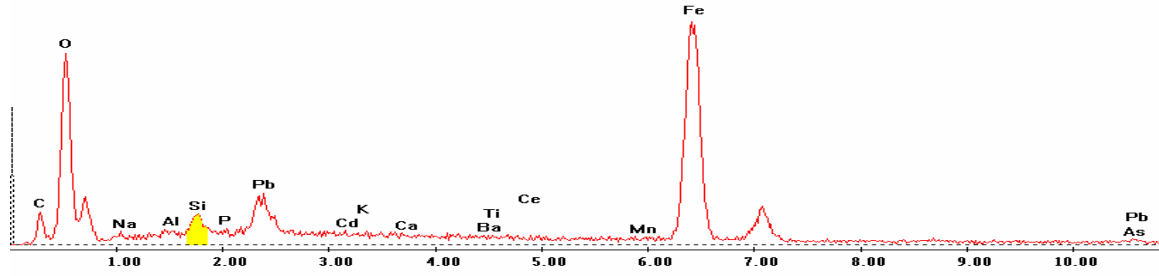


# Point 9

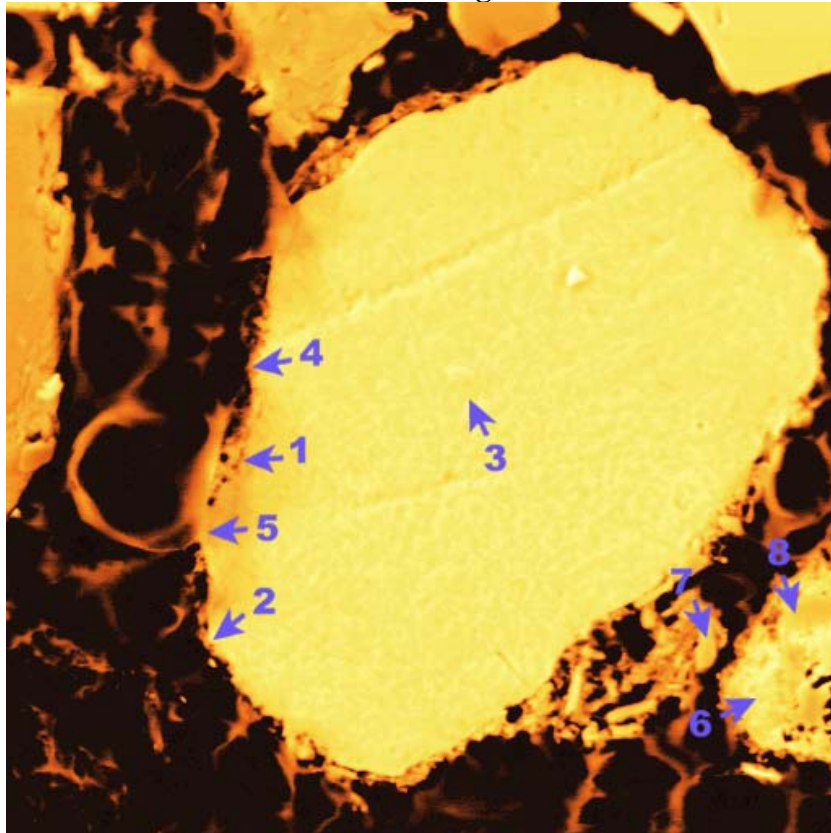
c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 319 289 Point 9

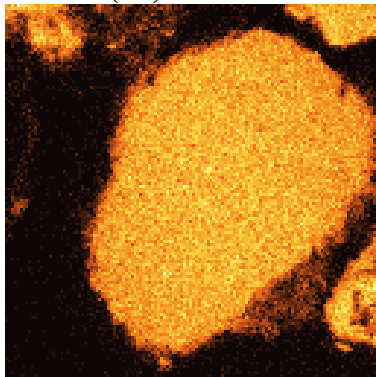
Label B: H K



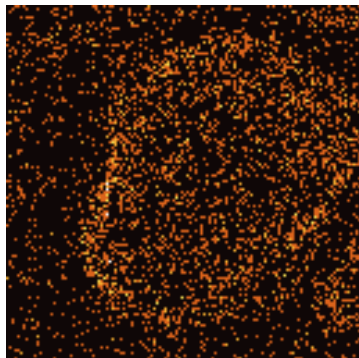
P4C9 – 338, 318  
BSE Image



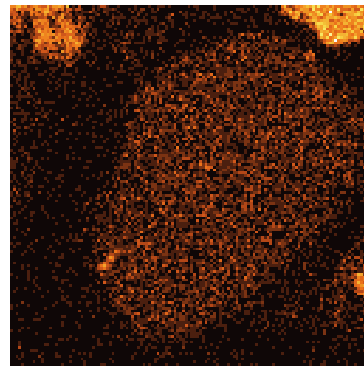
**Iron (Fe)**



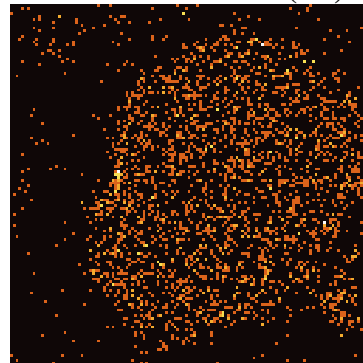
**Phosphorous (P)**



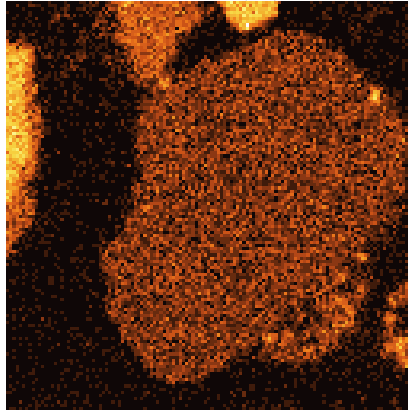
**Manganese (Mn)**



**Lead (Pb)**



# Silicon (Si)



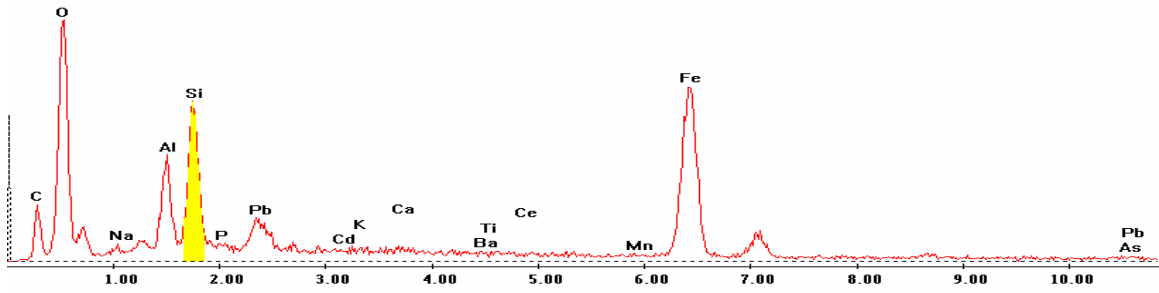
## EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc\peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 1

Label B: H K

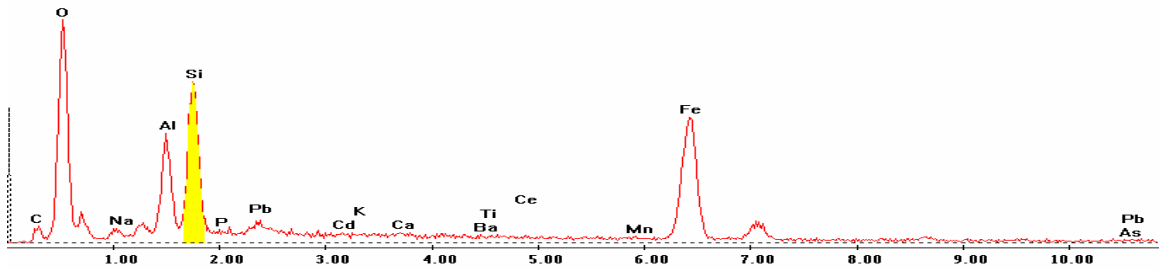


### Point 2

c:\edax32\genesis\genspc.spc\peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 2

Label B: H K



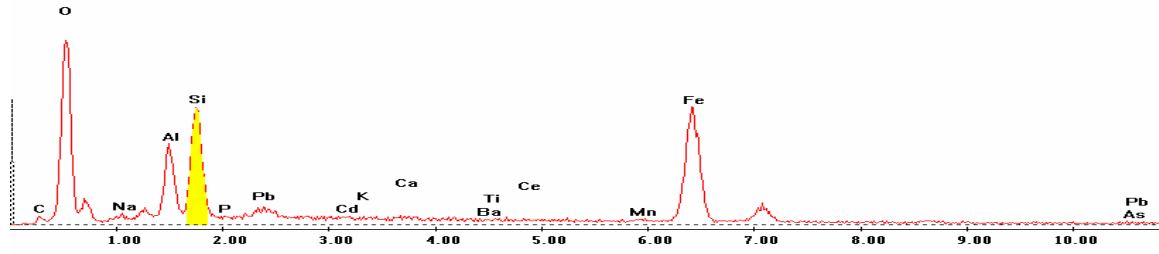


### Point 3

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 3

Label B: H K

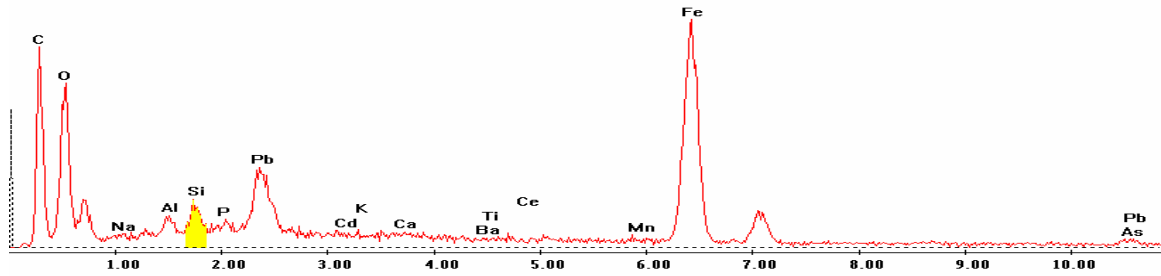


### Point 4

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 4

Label B: H K

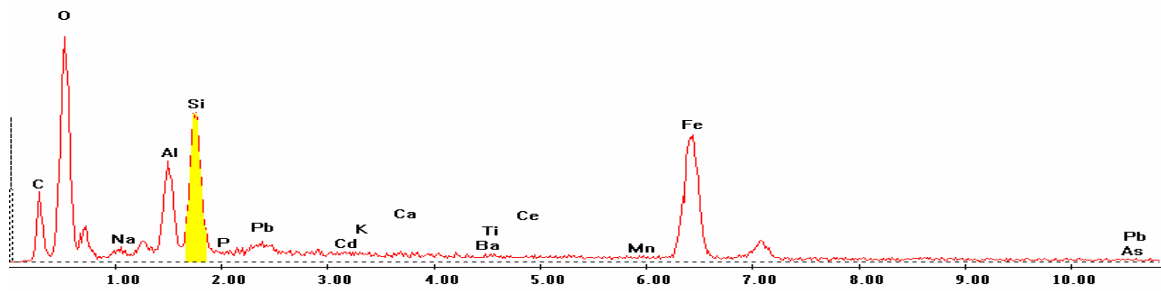


### Point 5

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 5

Label B: H K

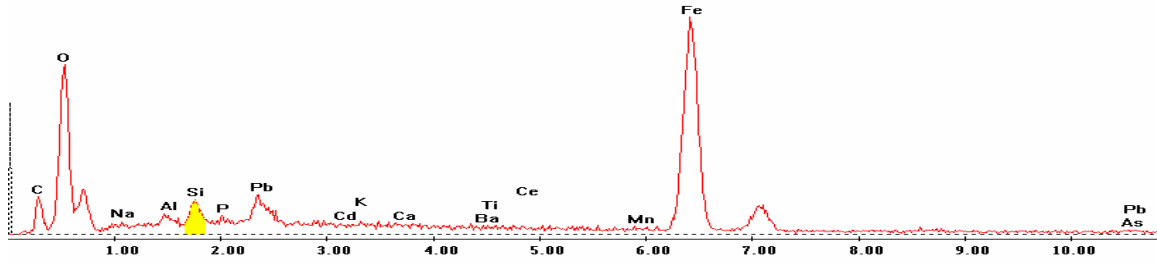


### Point 6

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 6

Label B: H K

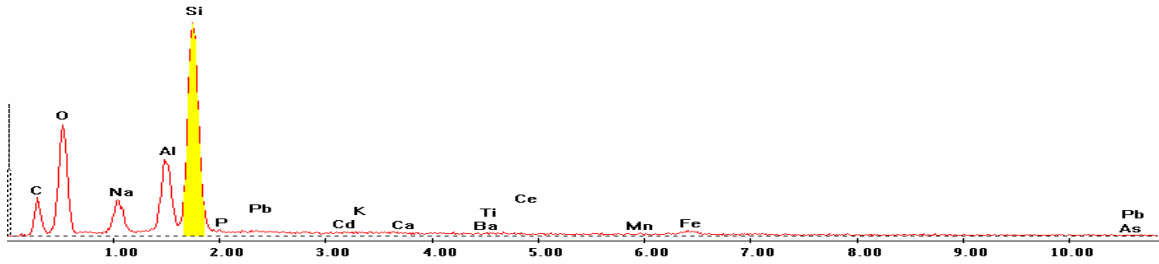


### Point 7

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 7

Label B: H K

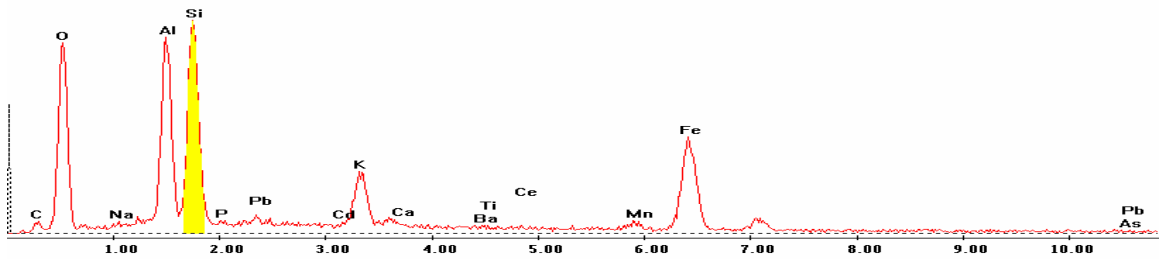


### Point 8

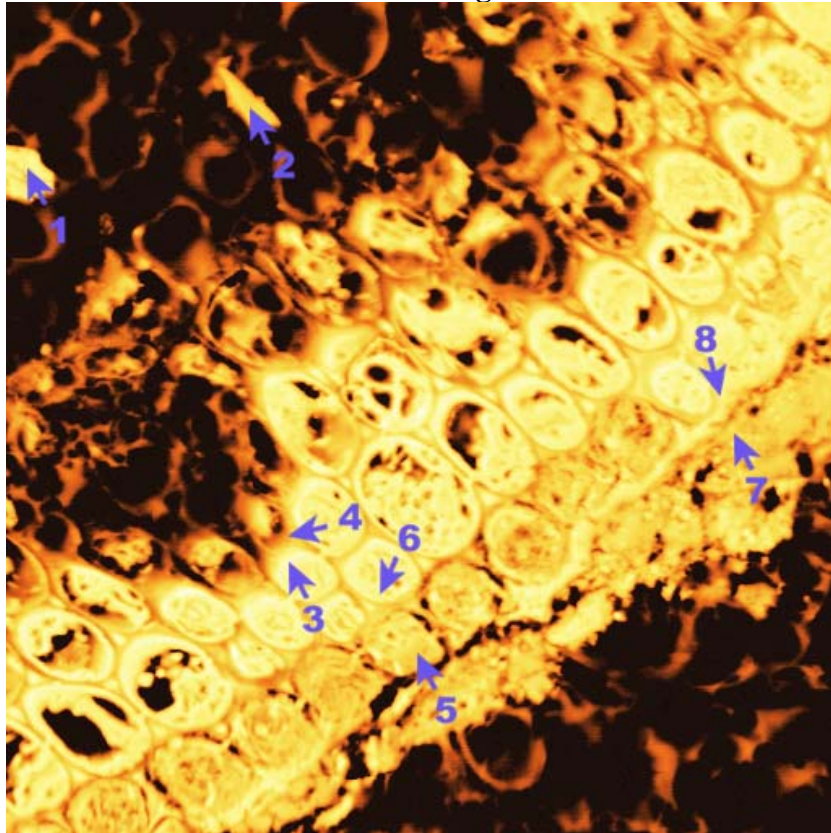
c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 338 313 Point 8

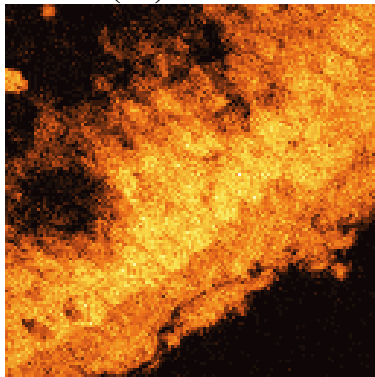
Label B: H K



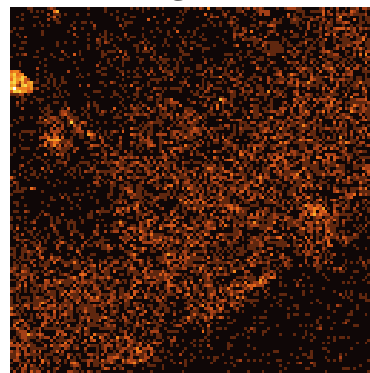
P4C9 – 443, 152  
BSE Image



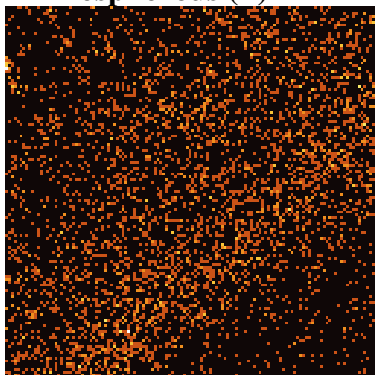
Iron (Fe)



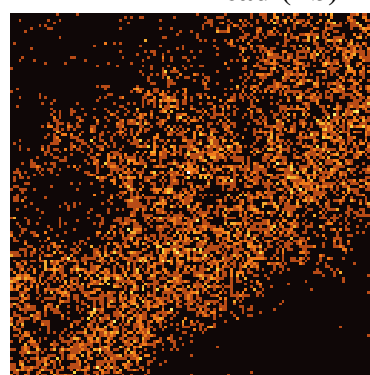
Manganese (Mn)



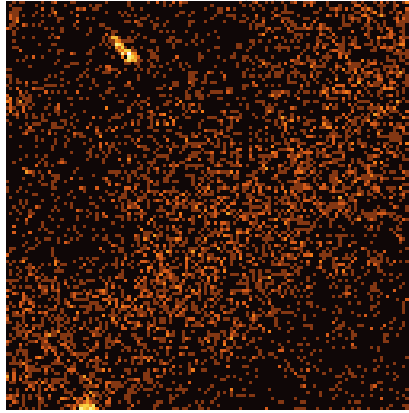
Phosphorous (P)



Lead (Pb)



### Silicon (Si)



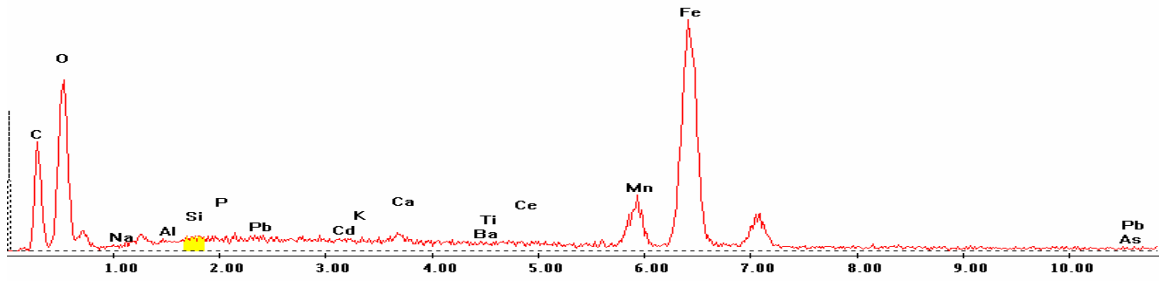
EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc\peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 1

Label B: H K

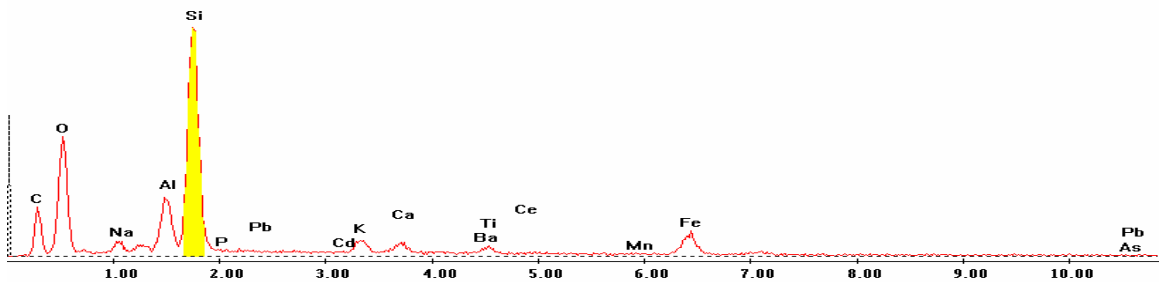


### Point 2

c:\edax32\genesis\genspc.spc\peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 2

Label B: H K

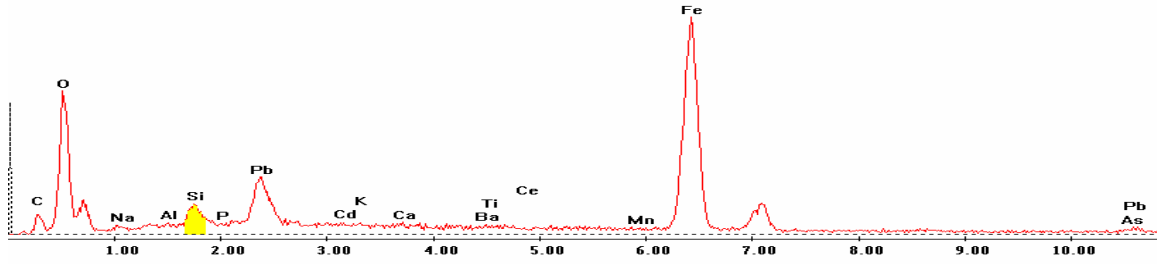


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 3

Label B: H K

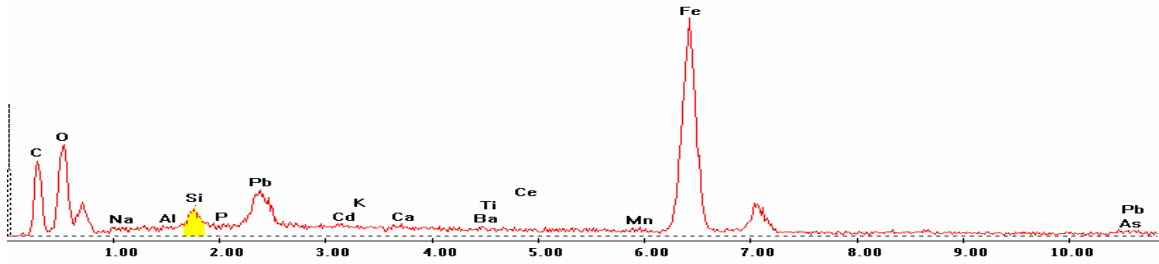


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 4

Label B: H K

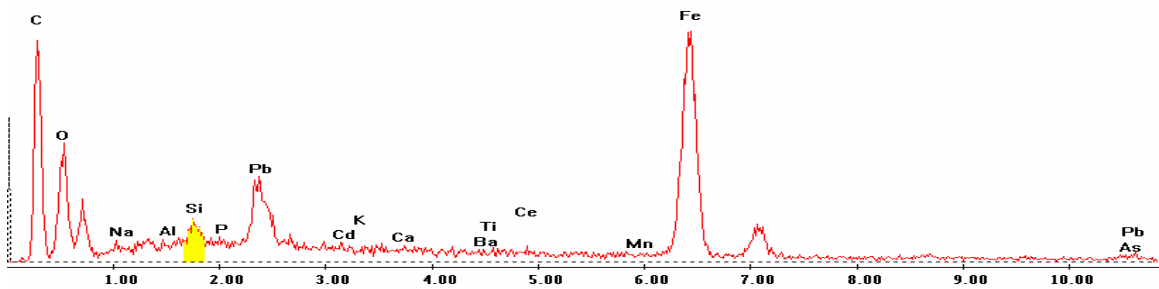


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 5

Label B: H K

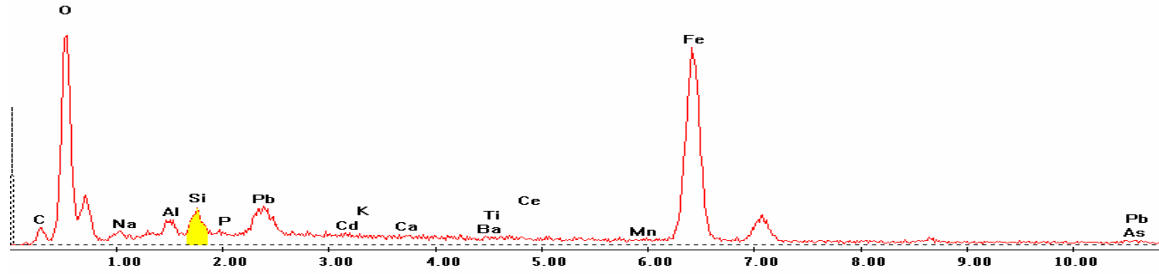


## Point 6

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 6

Label B: H K

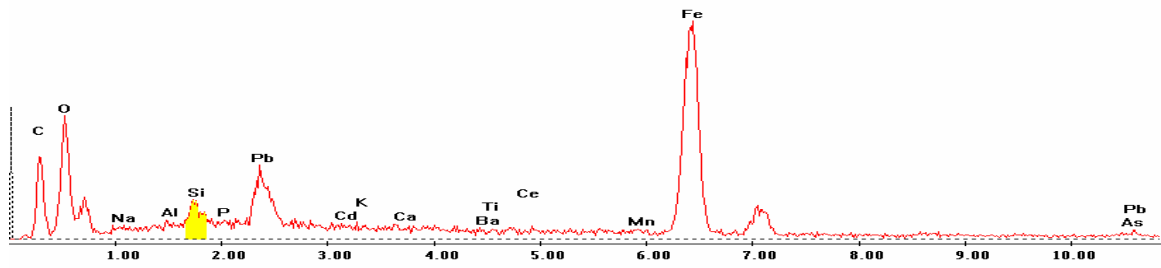


## Point 7

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 7

Label B: H K

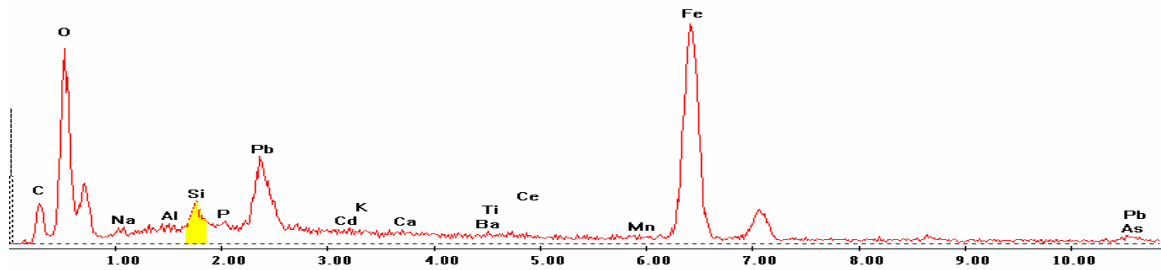


## Point 8

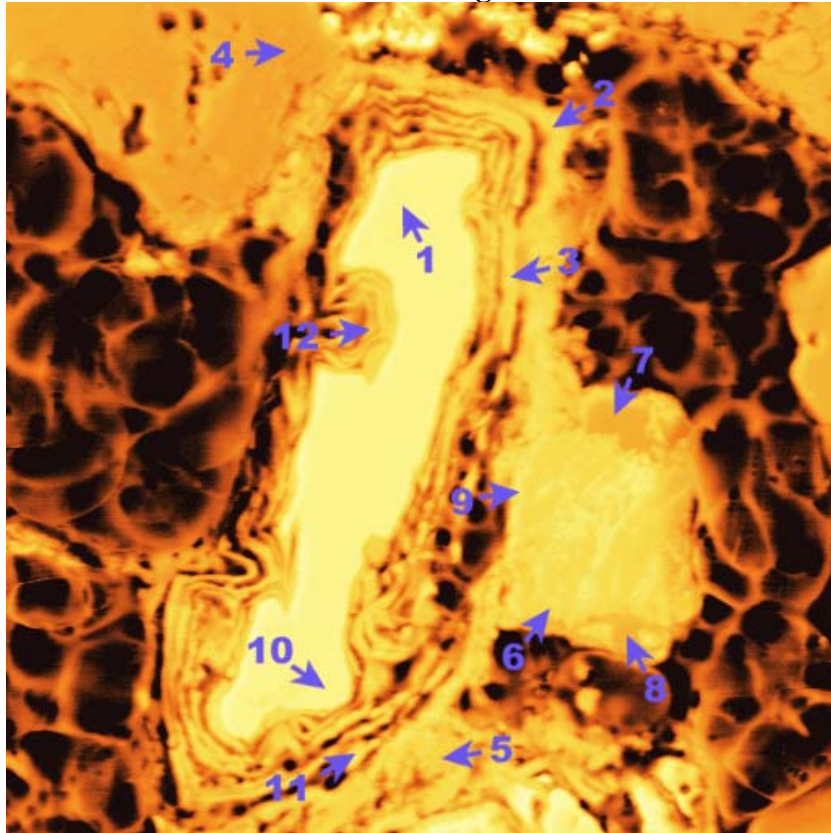
c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 443 152 Point 8

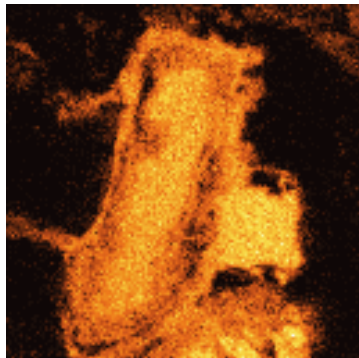
Label B: H K



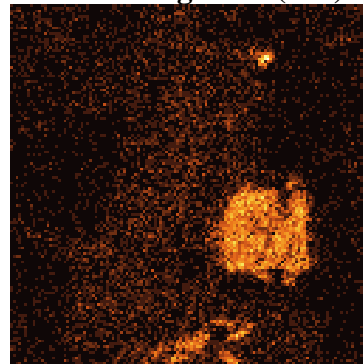
P4C9 – 452, 298  
BSE Image



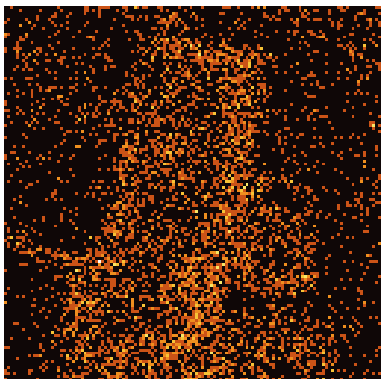
Iron (Fe)



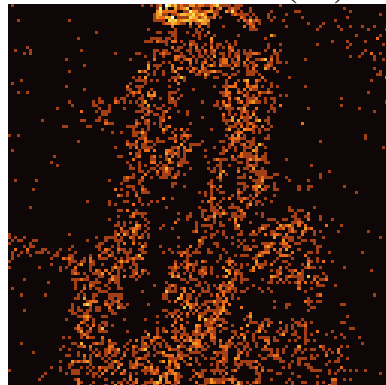
Manganese (Mn)



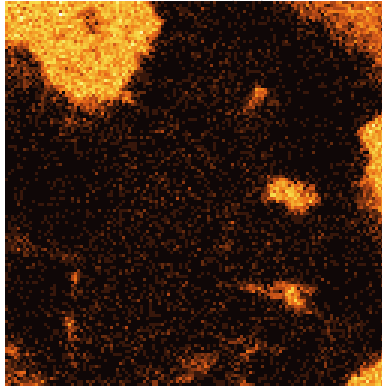
Phosphorous (P)



Lead (Pb)



## Silicon (Si)



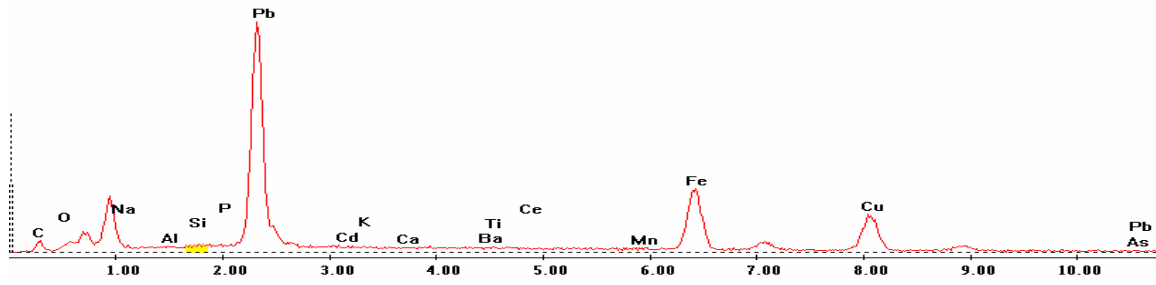
## EDS Scan Images by Point

### Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 1

Label B: H K

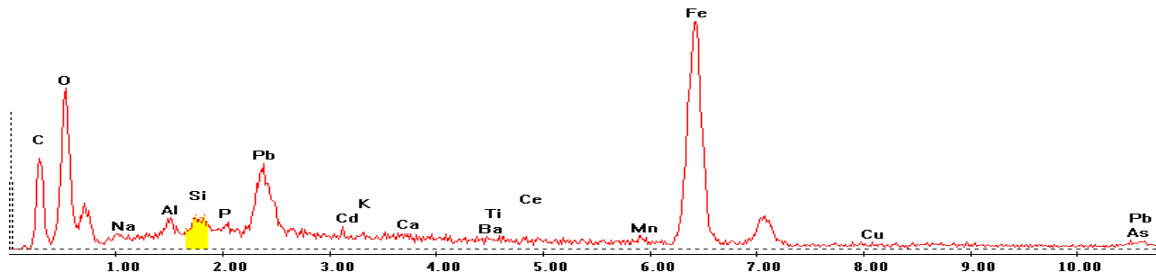


### Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 2

Label B: H K



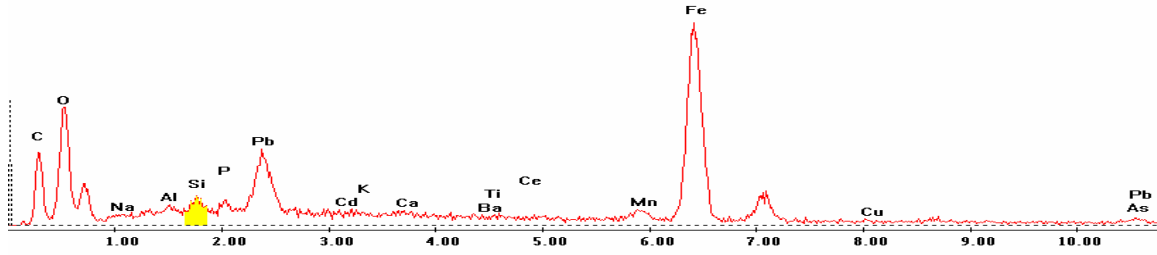


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 3

Label B: H K

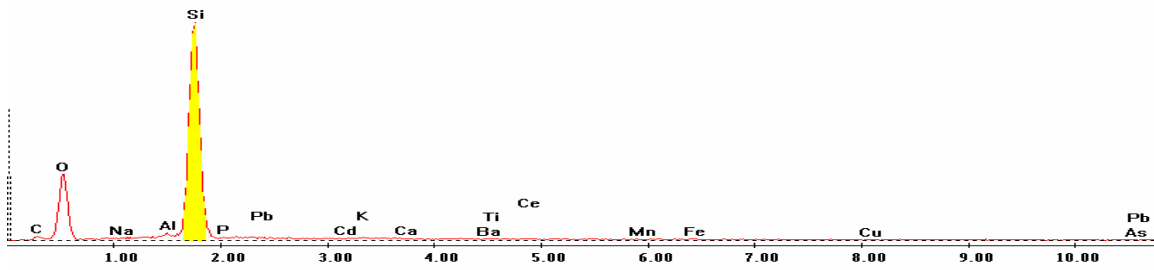


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 4

Label B: H K

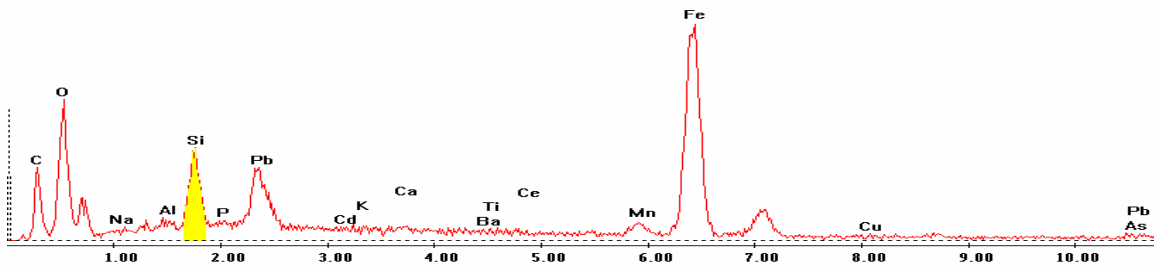


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 5

Label B: H K

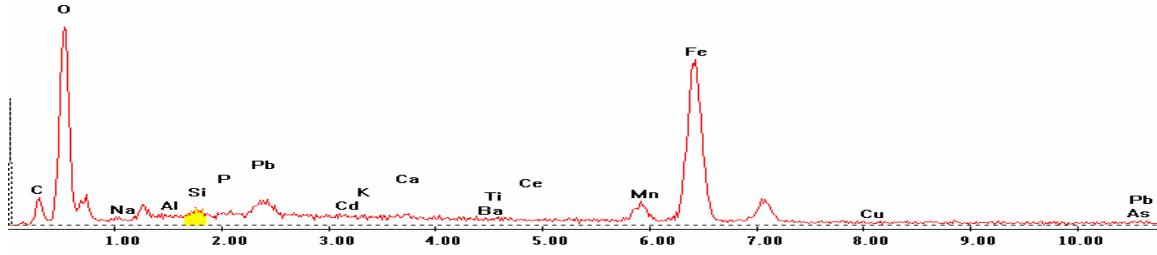


## Point 6

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 6

Label B: H K

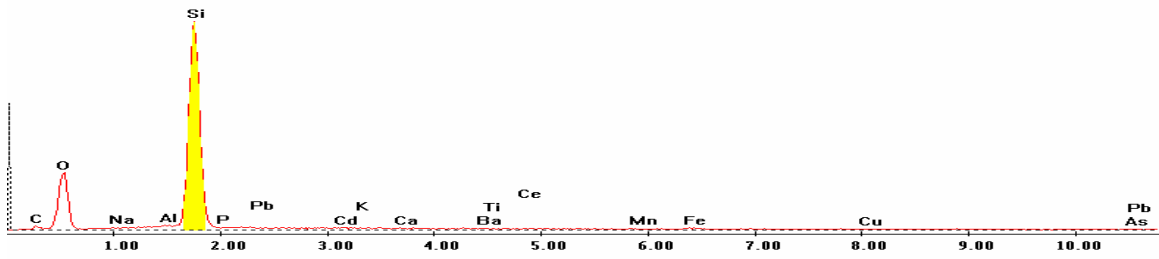


## Point 7

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 7

Label B: H K

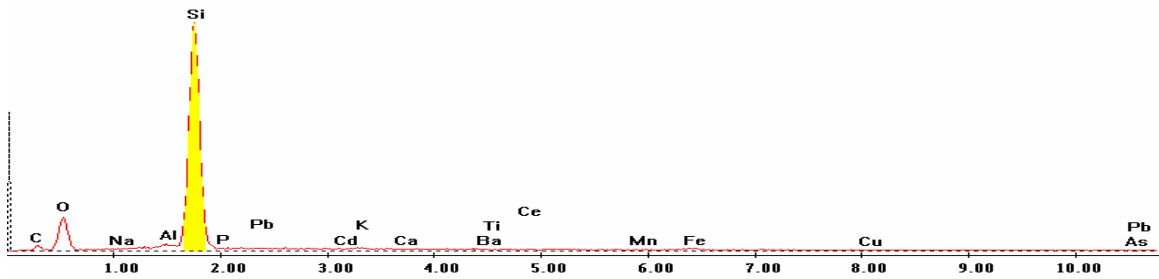


## Point 8

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 8

Label B: H K

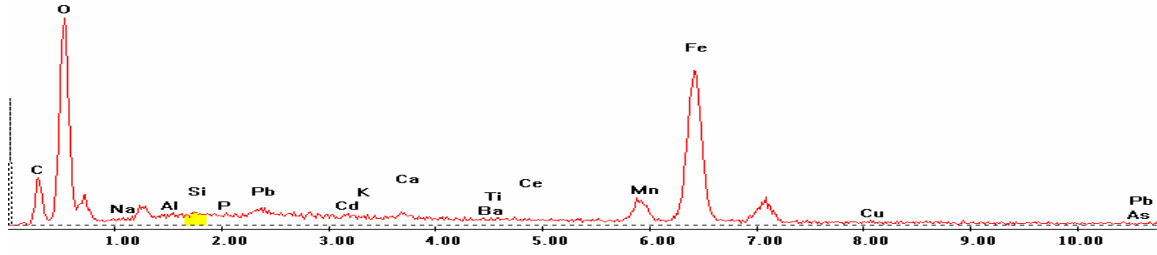


### Point 9

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 9

Label B: H K

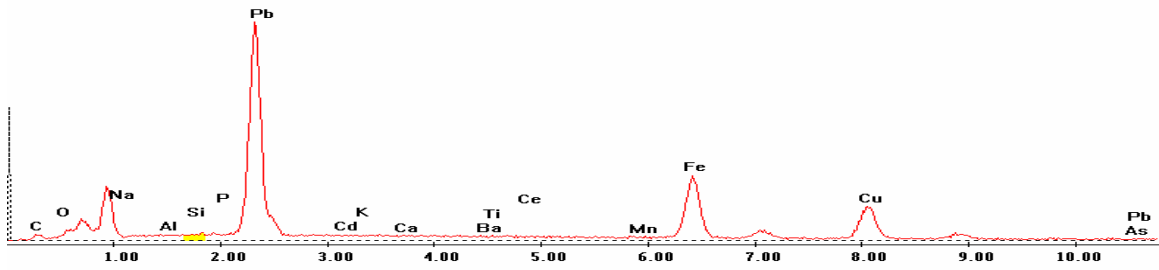


### Point 10

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 10

Label B: H K

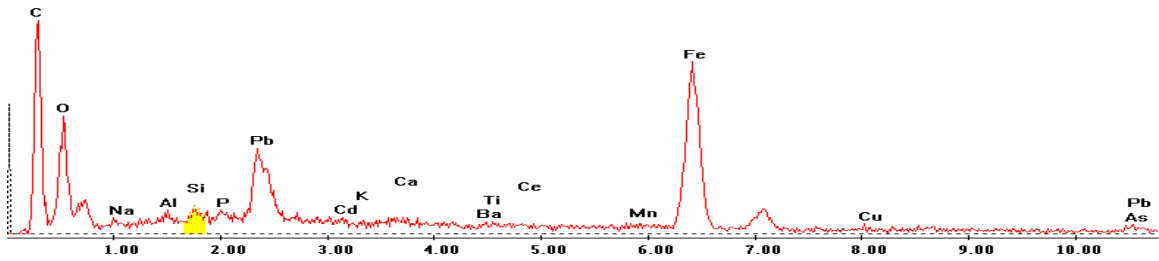


### Point 11

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 11

Label B: H K

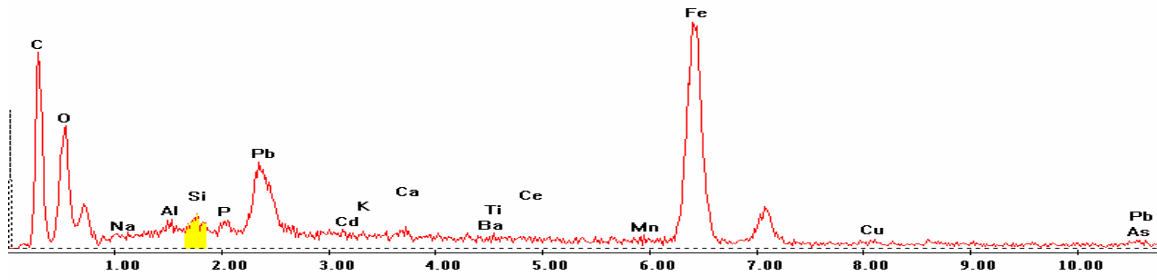


# Point 12

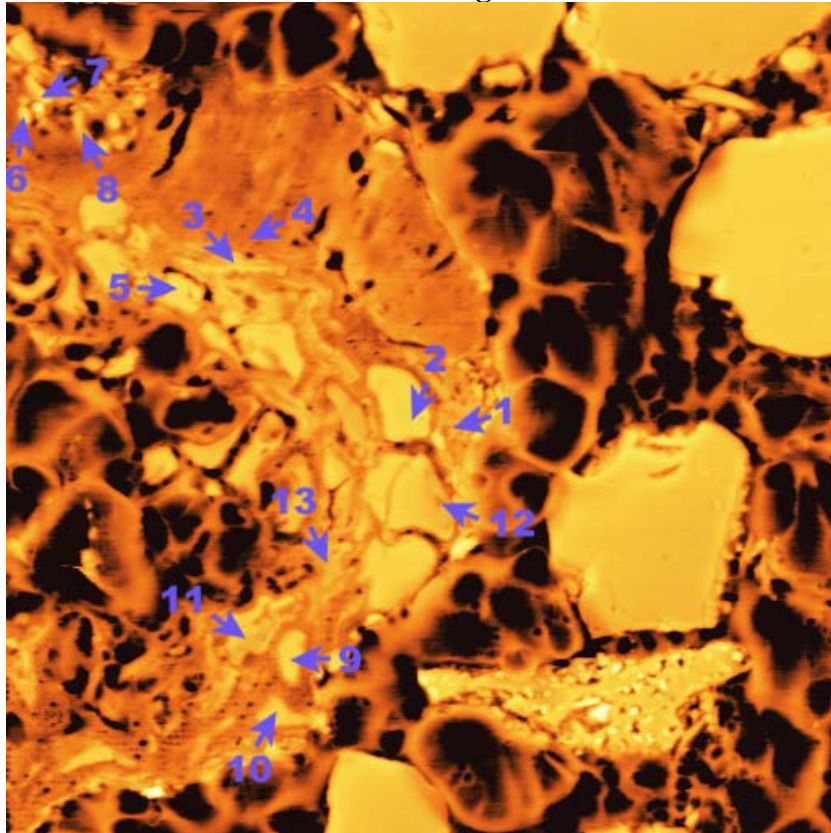
c:\edax32\genesis\genspc.spc-7-peakgen.spc

Label A: 20apr04 P4C9 452 298 Point 12

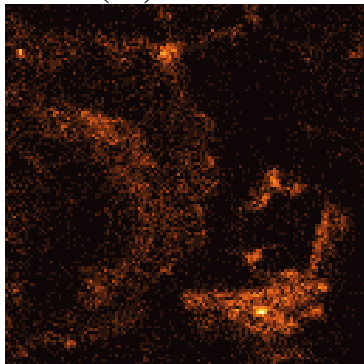
Label B: H K



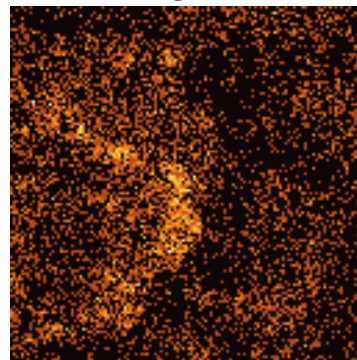
P4C9 – 459, 210  
BSE Image



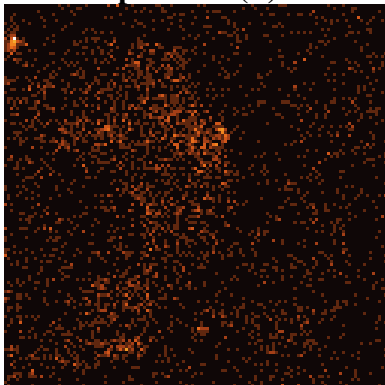
Iron (Fe)



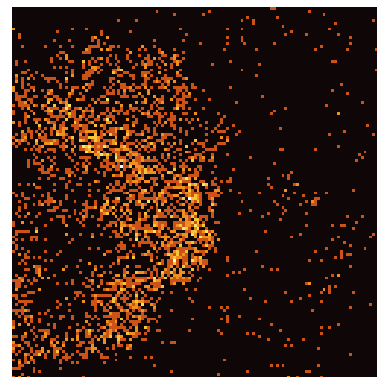
Manganese (Mn)



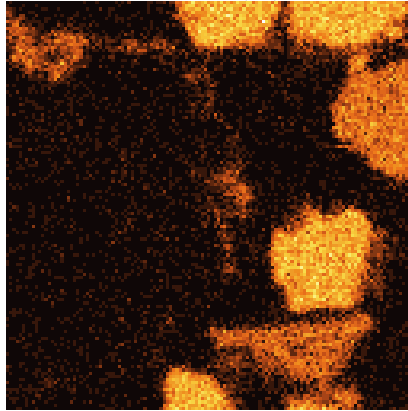
Phosphorous (P)



Lead (Pb)



# Silicon (Si)



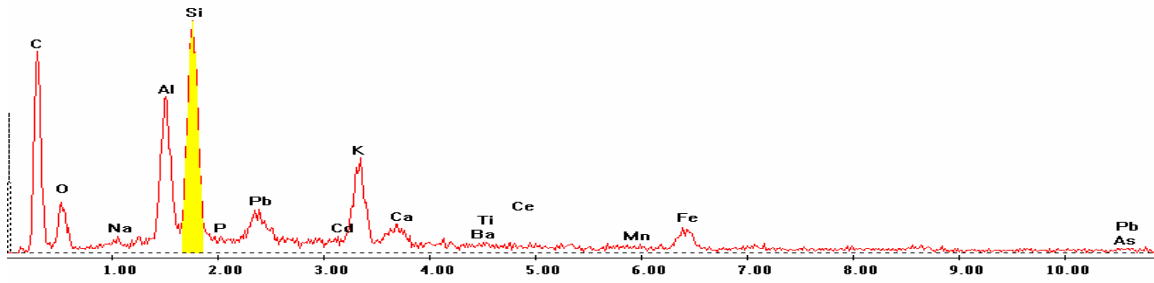
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 1

Label B: H K

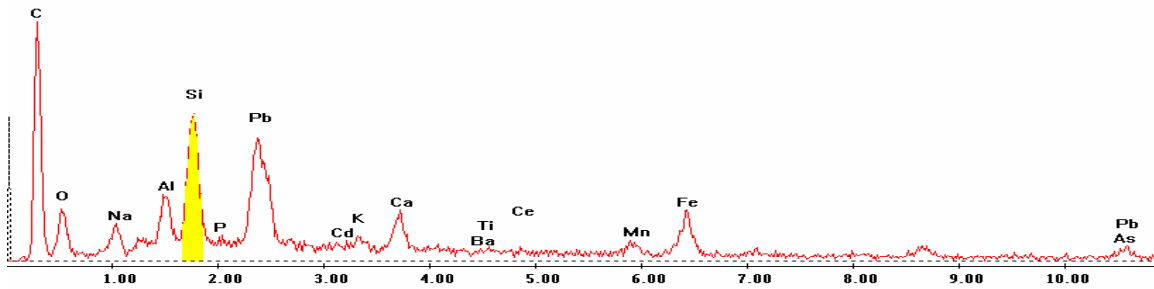


## Point 2

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 2

Label B: H K

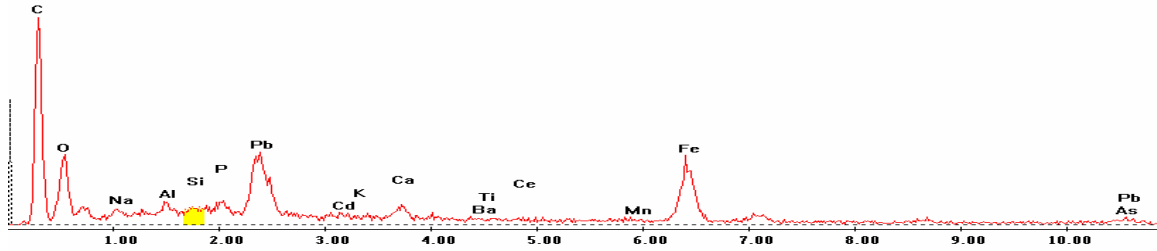


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 3

Label B: H K

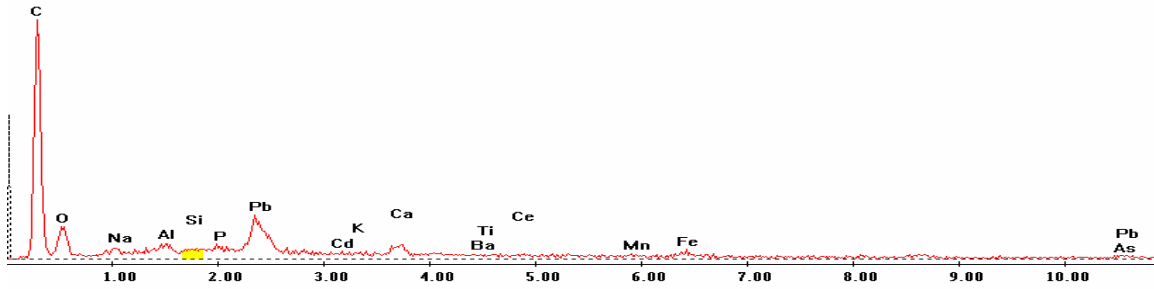


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 4

Label B: H K

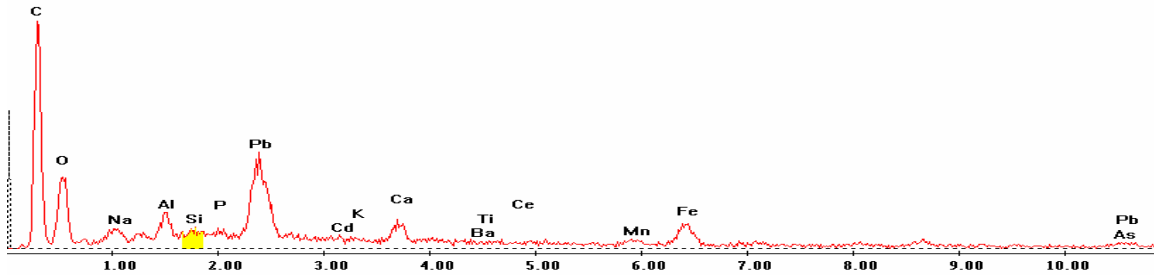


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 5

Label B: H K

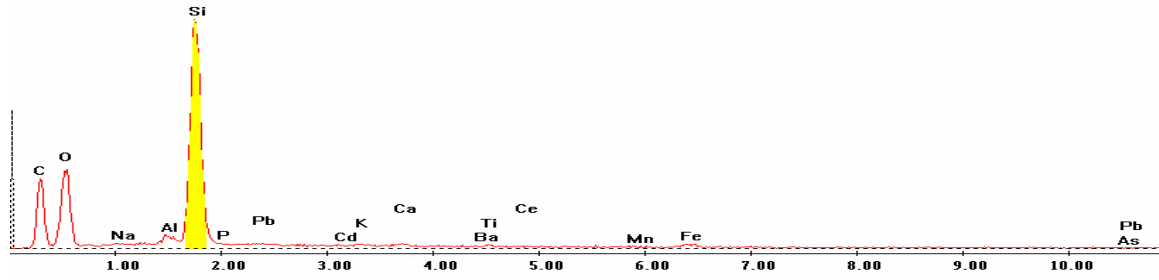


## Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 6

Label B: H K

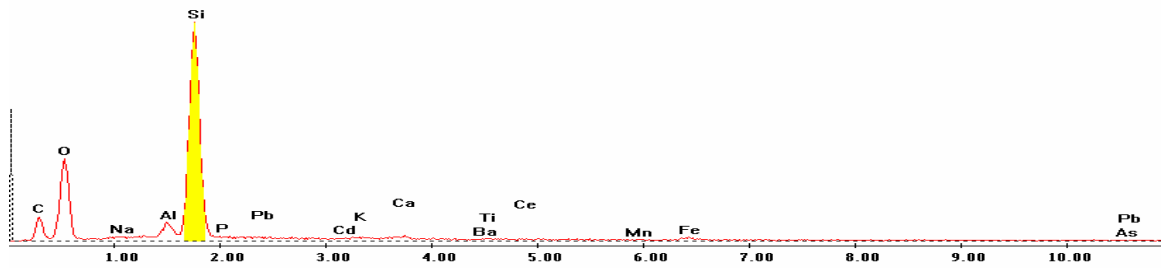


## Point 7

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 7

Label B: H K

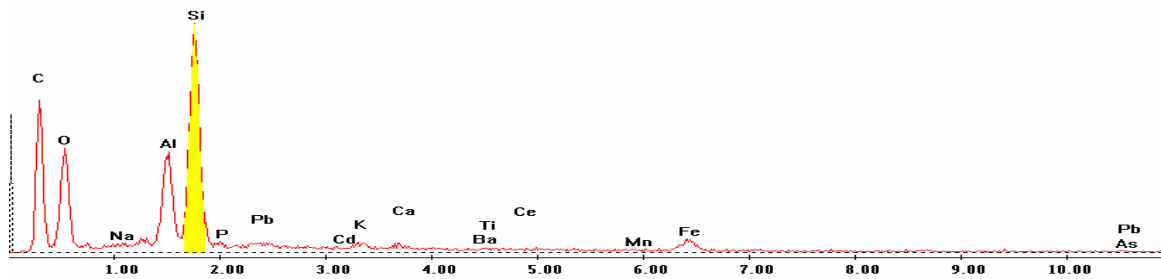


## Point 8

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 8

Label B: H K



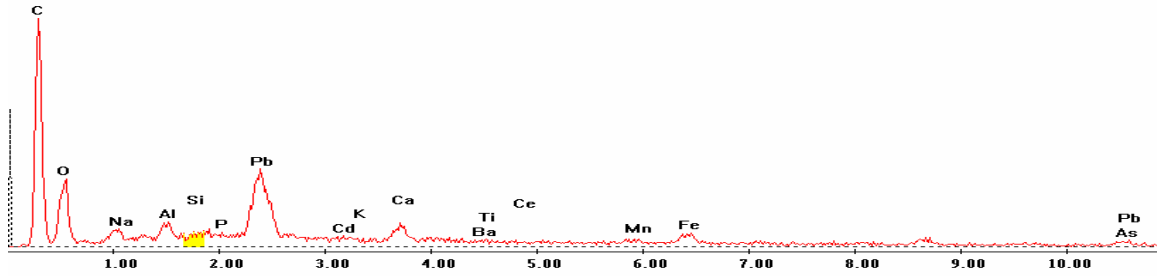


## Point 9

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 9

Label B: H K

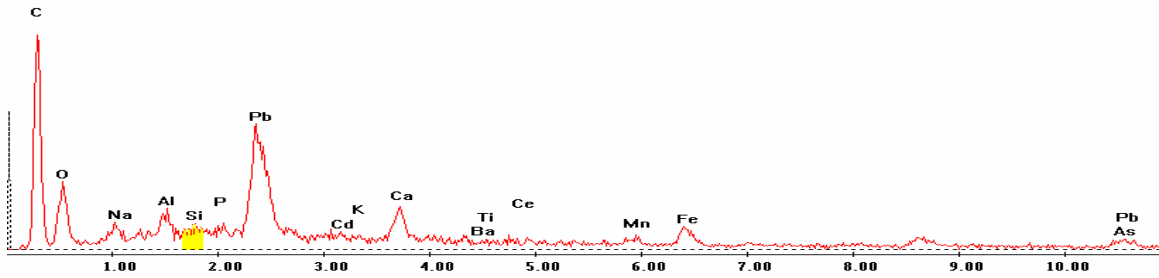


## Point 10

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 10

Label B: H K

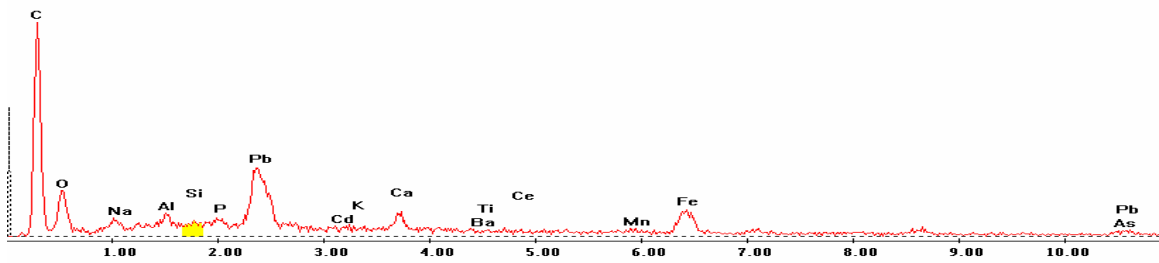


## Point 11

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 11

Label B: H K

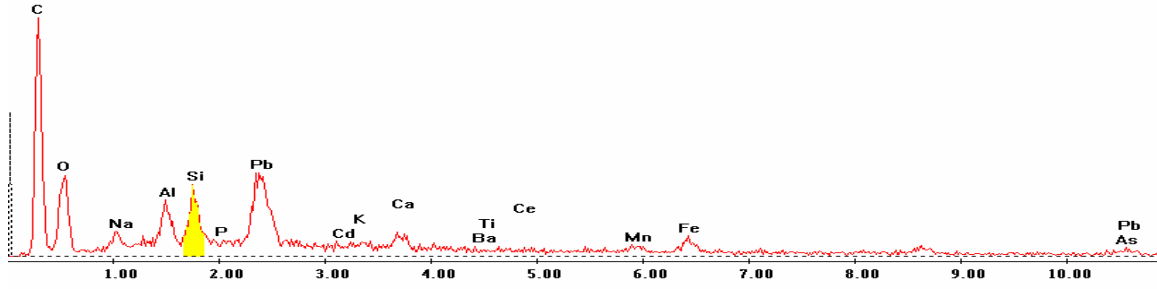


## Point 12

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 12

Label B: H K

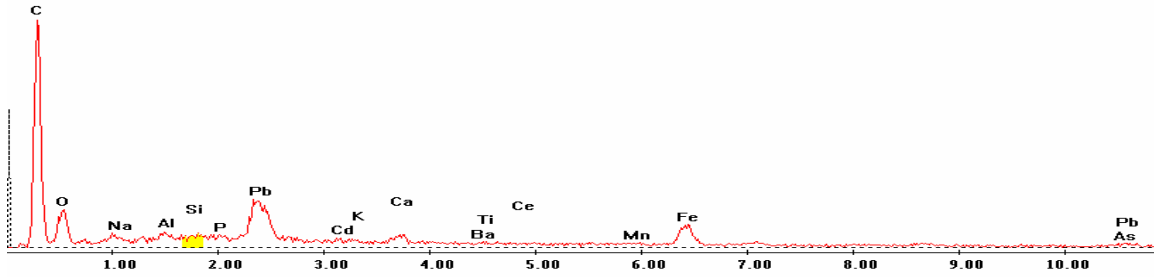


## Point 13

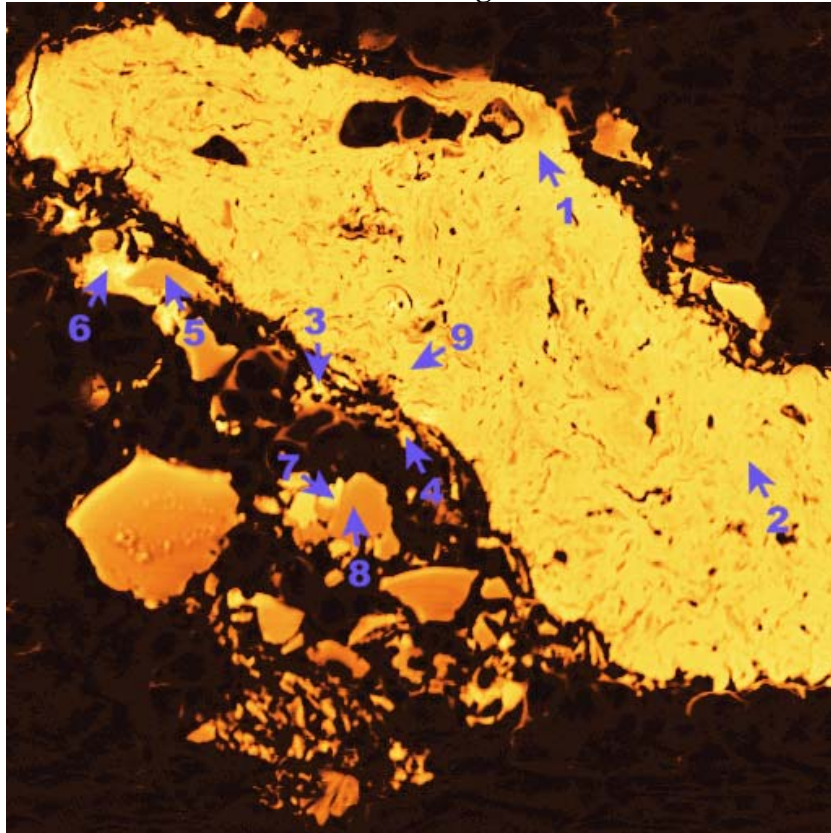
c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 459 210 Point 13

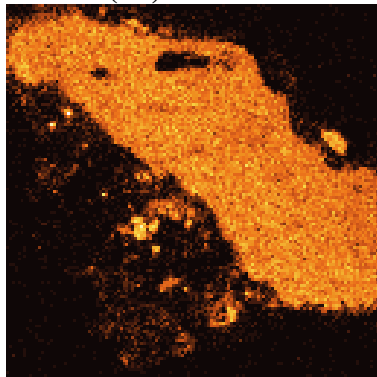
Label B: H K



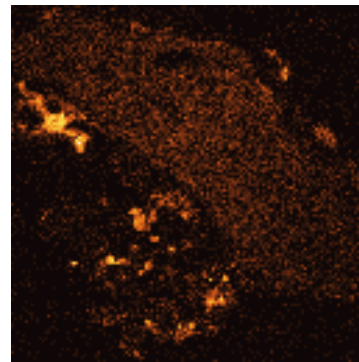
P4C9 – 487, 204  
BSE Image



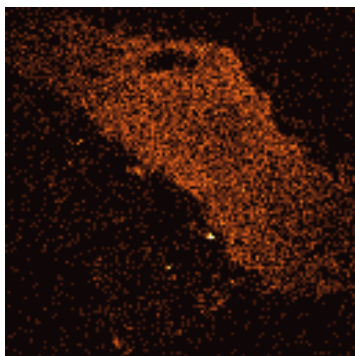
**Iron (Fe)**



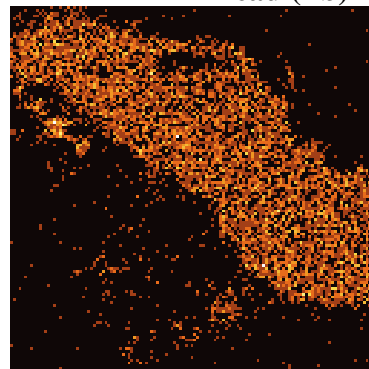
**Manganese (Mn)**



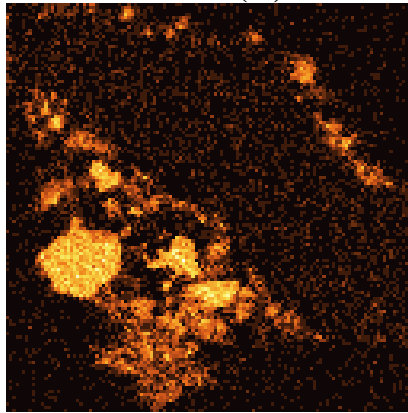
**Phosphorous (P)**



**Lead (Pb)**



# Silicon (Si)



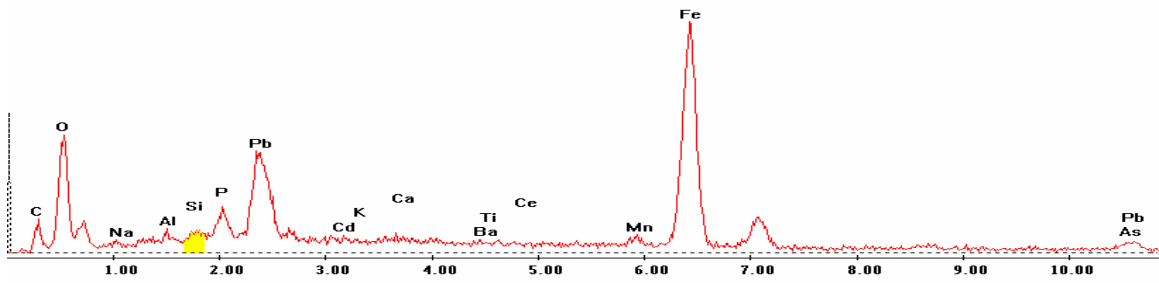
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 1

Label B: H K

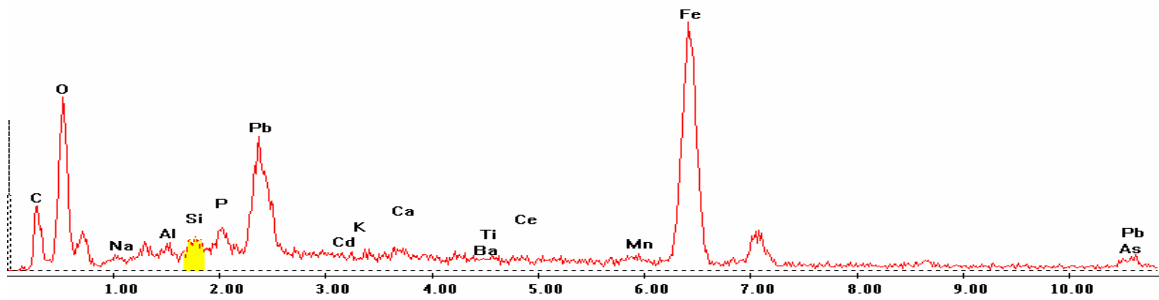


## Point 2

c:\edax32\genesis\genspc.spc-peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 2

Label B: H K

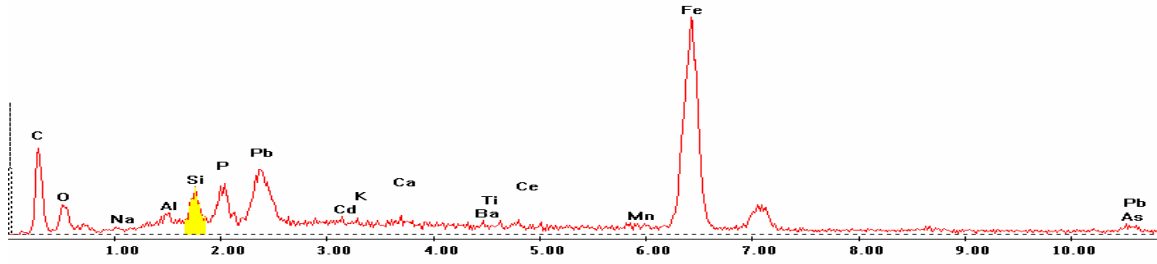


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 3

Label B: H K

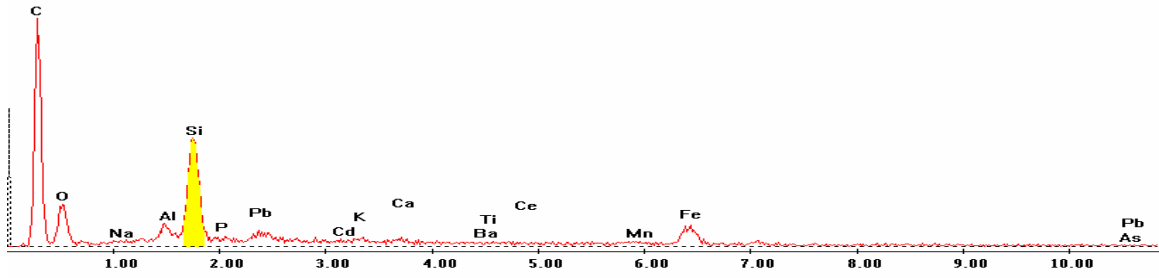


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 4

Label B: H K

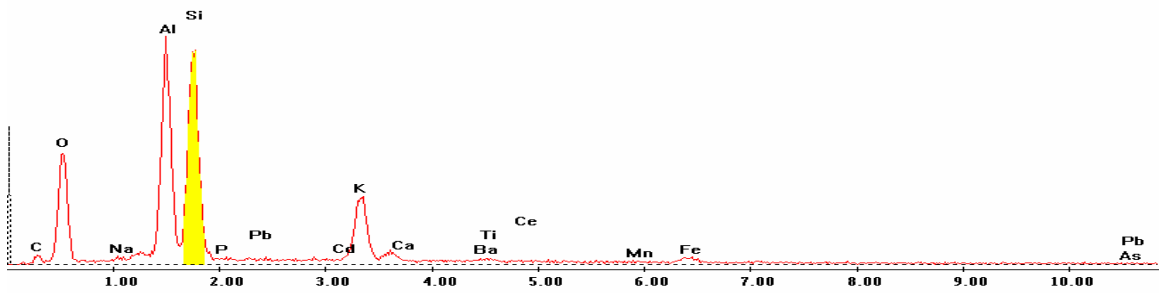


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 5

Label B: H K

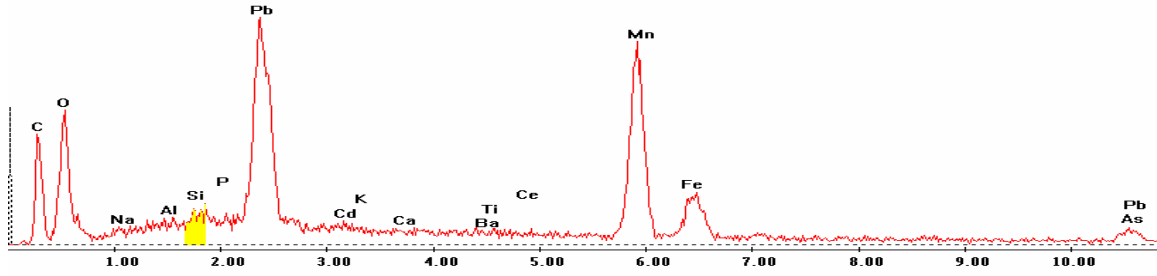


### Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 6

Label B: H K

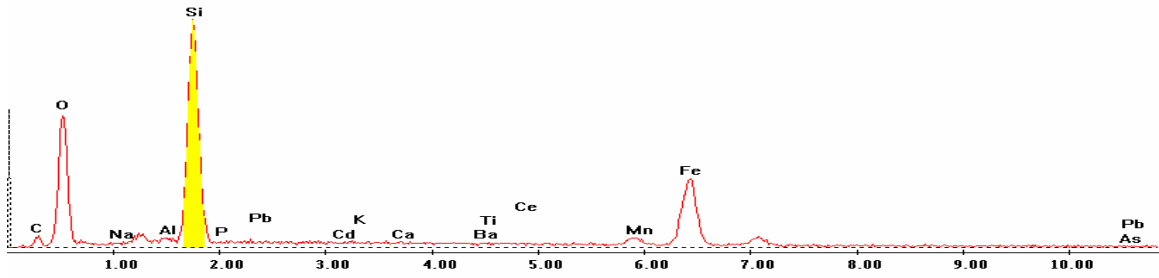


### Point 7

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 7

Label B: H K

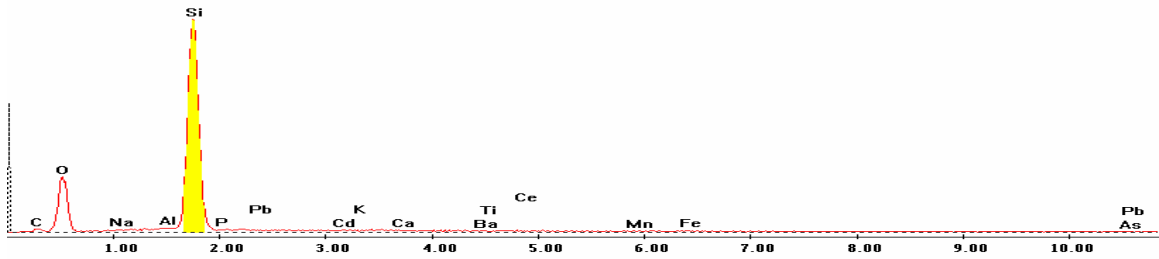


### Point 8

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 20apr04 P4C9 487 204 Point 8

Label B: H K

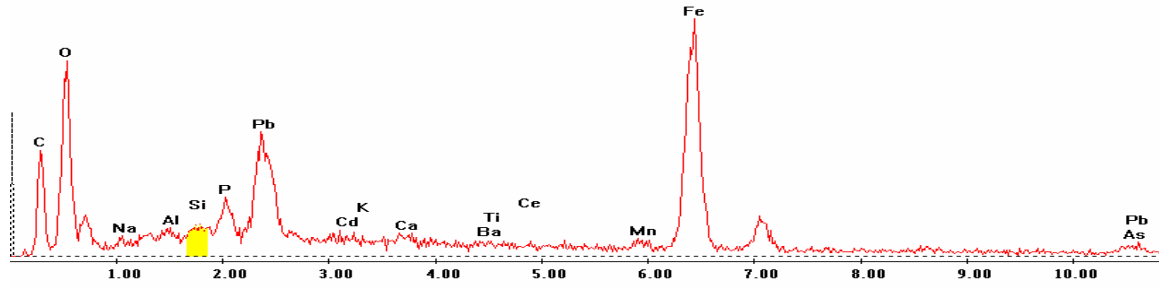


# Point 9

c:\edax32\genesis\genspc.spc-peakgen.spc

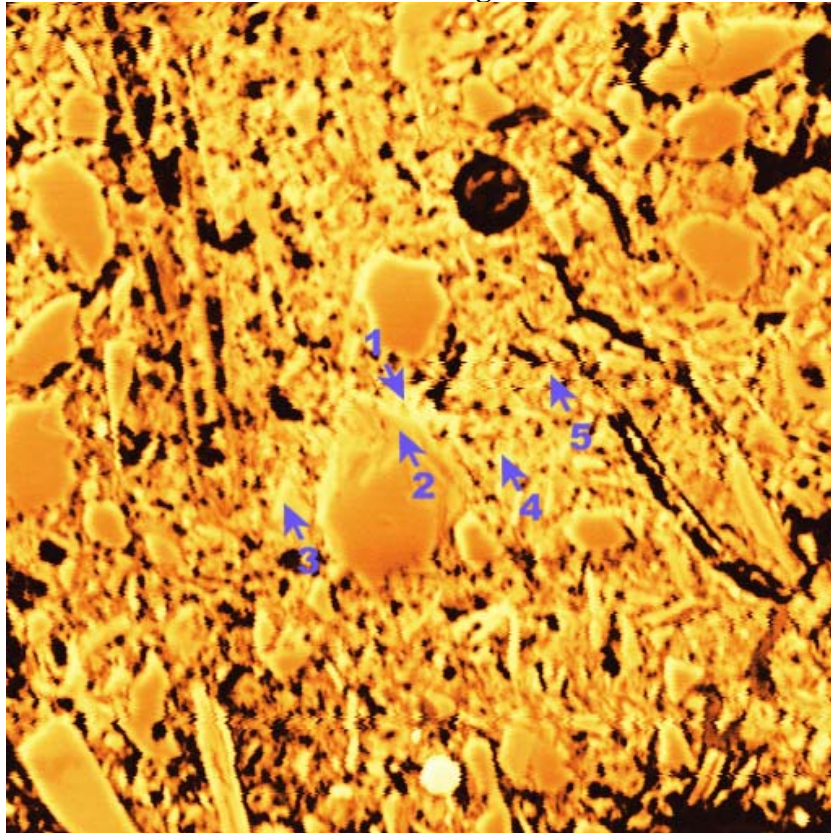
Label A: 20apr04 P4C9 487 204 Point 9

Label B: H K

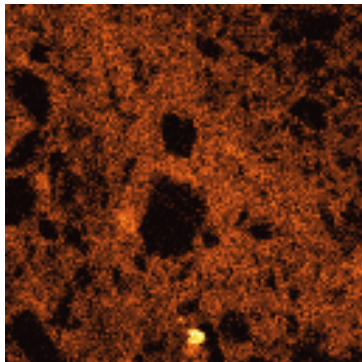


Plot 6

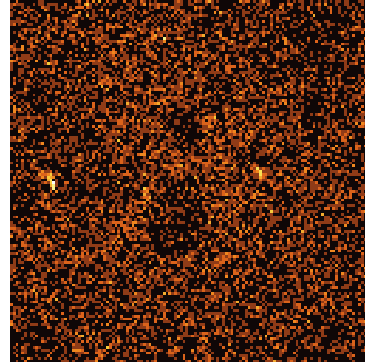
P6C7 – 312, 242  
BSE Image



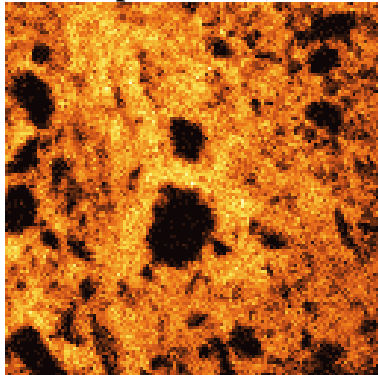
**Iron (Fe)**



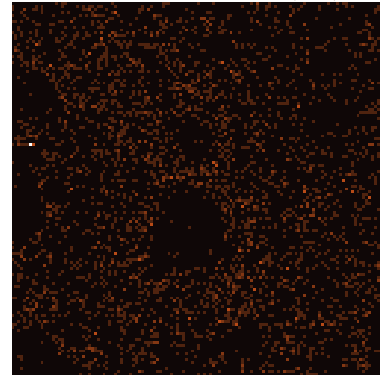
**Manganese (Mn)**



**Phosphorous (P)**

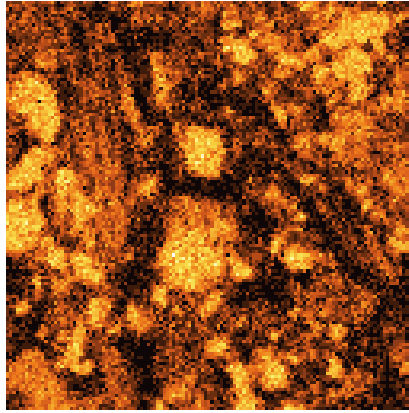


**Lead (Pb)**





# Silicon (Si)



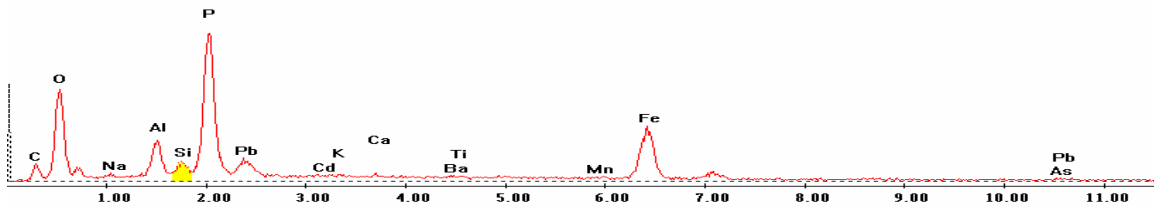
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 13apr04 p6c7 312 242 Point 1

Label B: H K

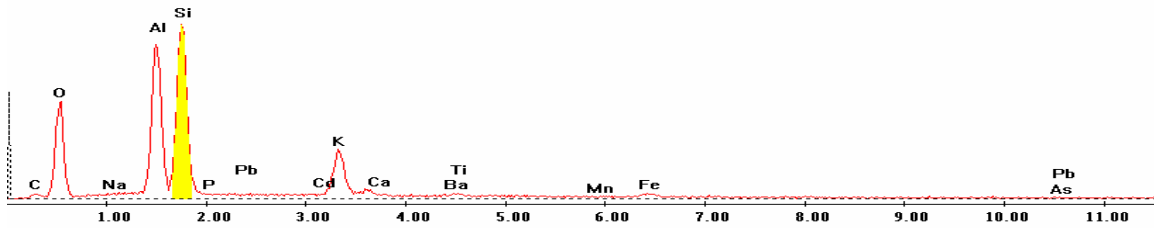


## Point 2

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 13apr04 p6c7 312 242 Point 2

Label B: H K

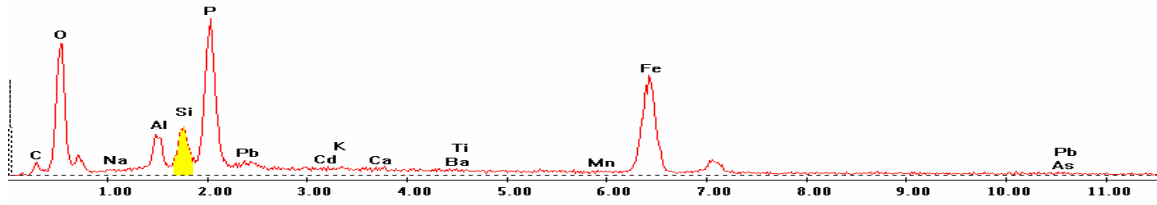


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 13apr04 p6c7 312 242 Point 3

Label B: H K

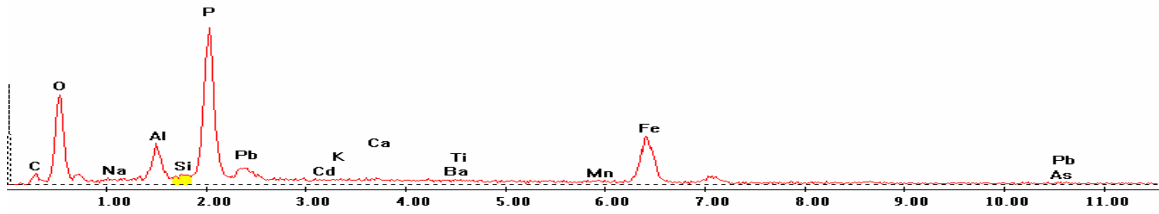


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 13apr04 p6c7 312 242 Point 4

Label B: H K

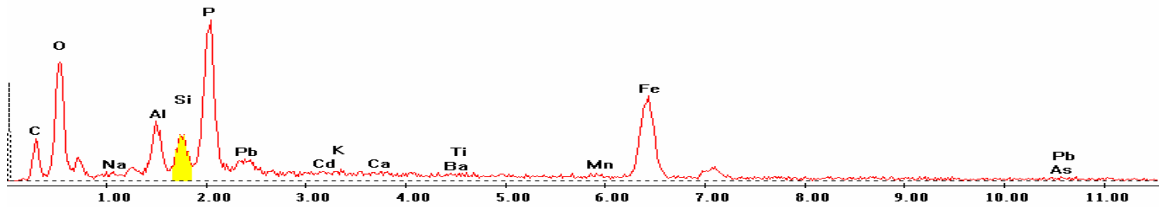


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 13apr04 p6c7 312 242 Point 5

Label B: H K

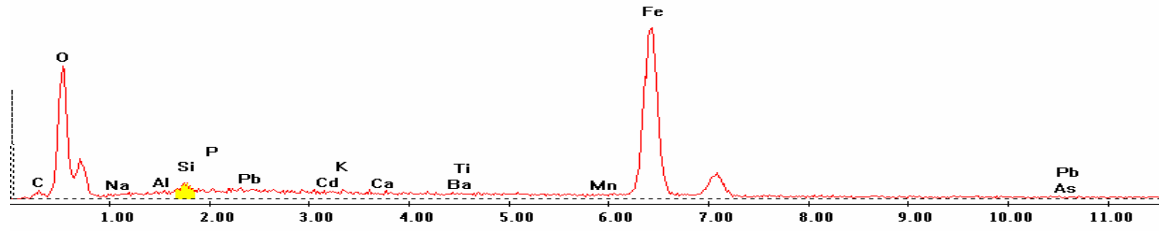


# Point 6

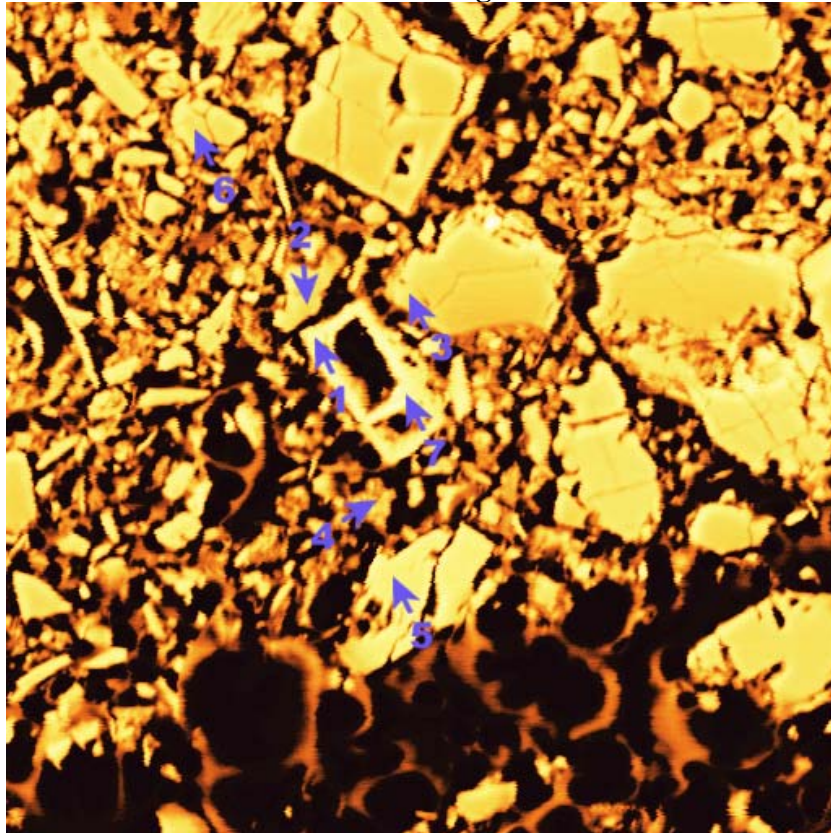
c:\edax32\genesis\genspc.spc/-peakgen.spc

Label A: 13apr04 p6c7 312 242 Point 6

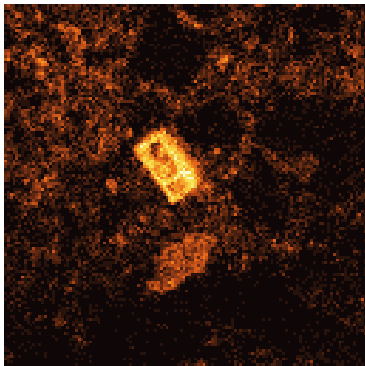
Label B: H K



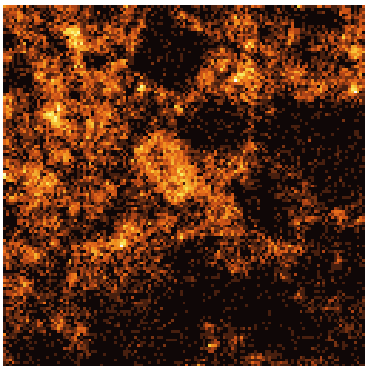
P6C7 – 344, 248  
BSE Image



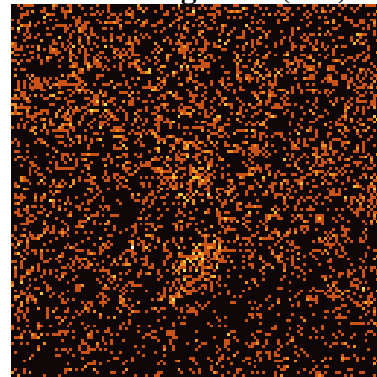
**Iron (Fe)**



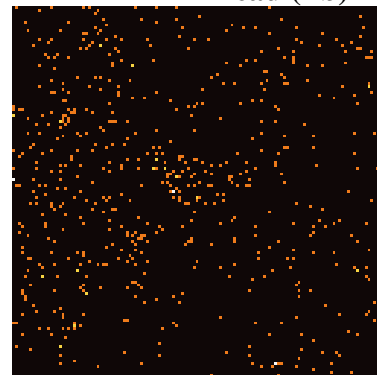
**Phosphorous (P)**



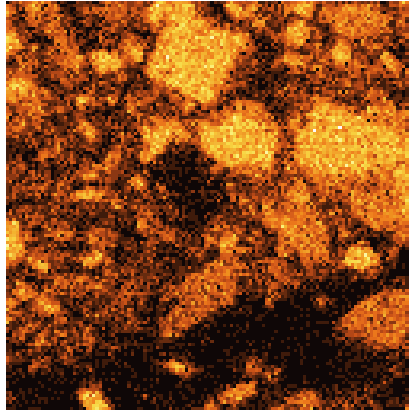
**Manganese (Mn)**



**Lead (Pb)**



# Silicon (Si)



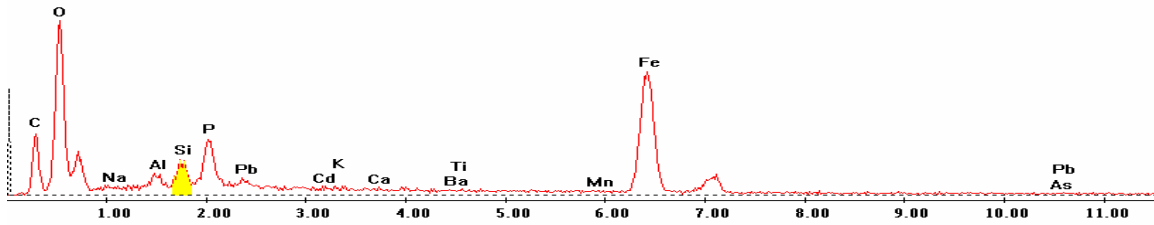
EDS Scan Images by Point

## Point 1

c:\edax32\genesis\genspc.spc\peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 1

Label B: H K

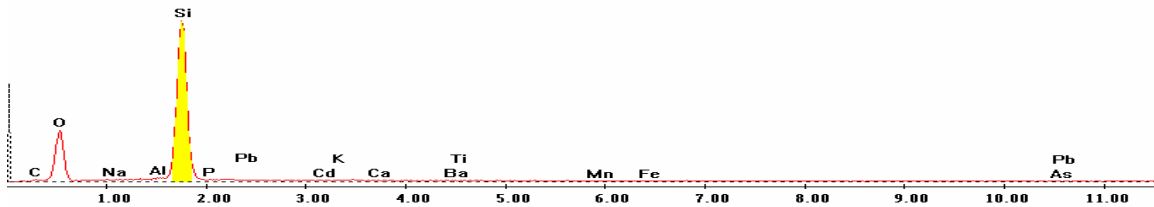


## Point 2

c:\edax32\genesis\genspc.spc\peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 2

Label B: H K

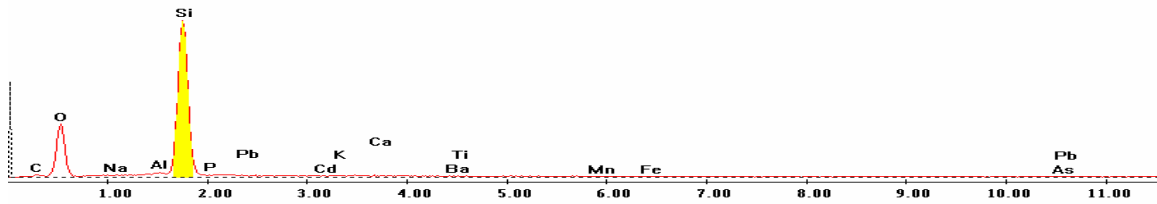


### Point 3

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 3

Label B: H K

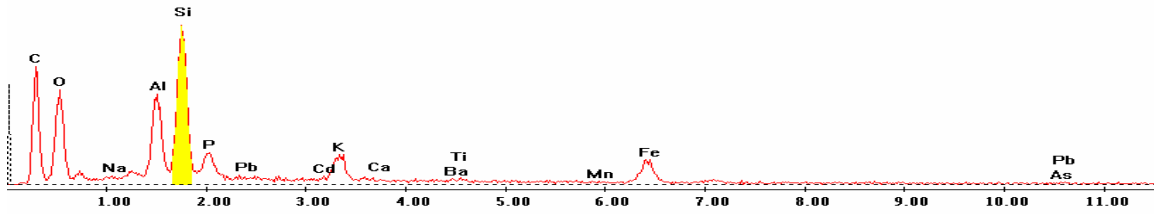


### Point 4

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 4

Label B: H K

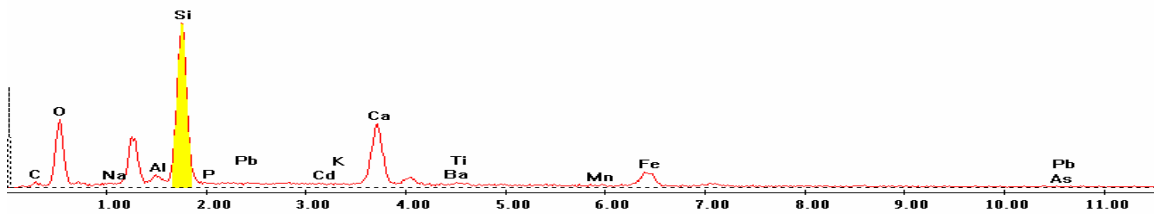


### Point 5

c:\edax32\genesis\genspc.spc-/peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 5

Label B: H K

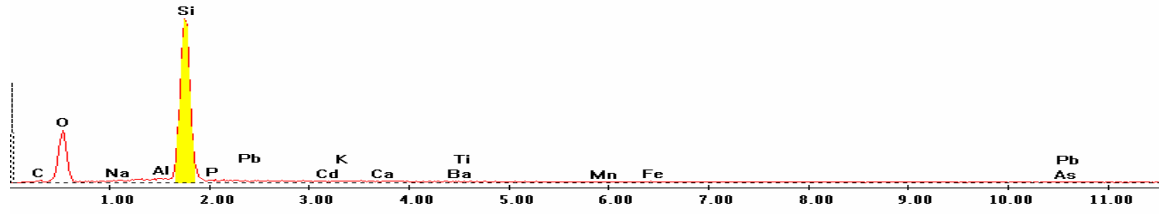


## Point 6

c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 6

Label B: H K

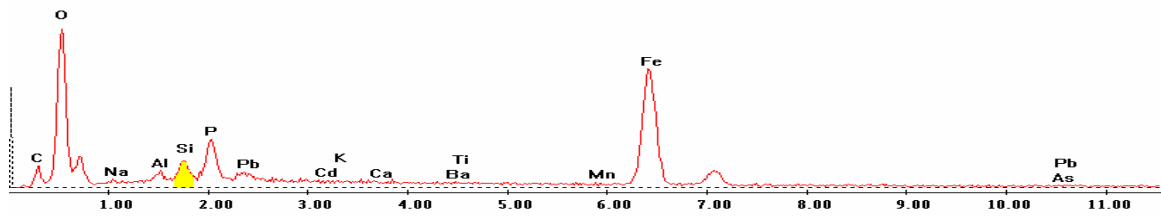


## Point 7

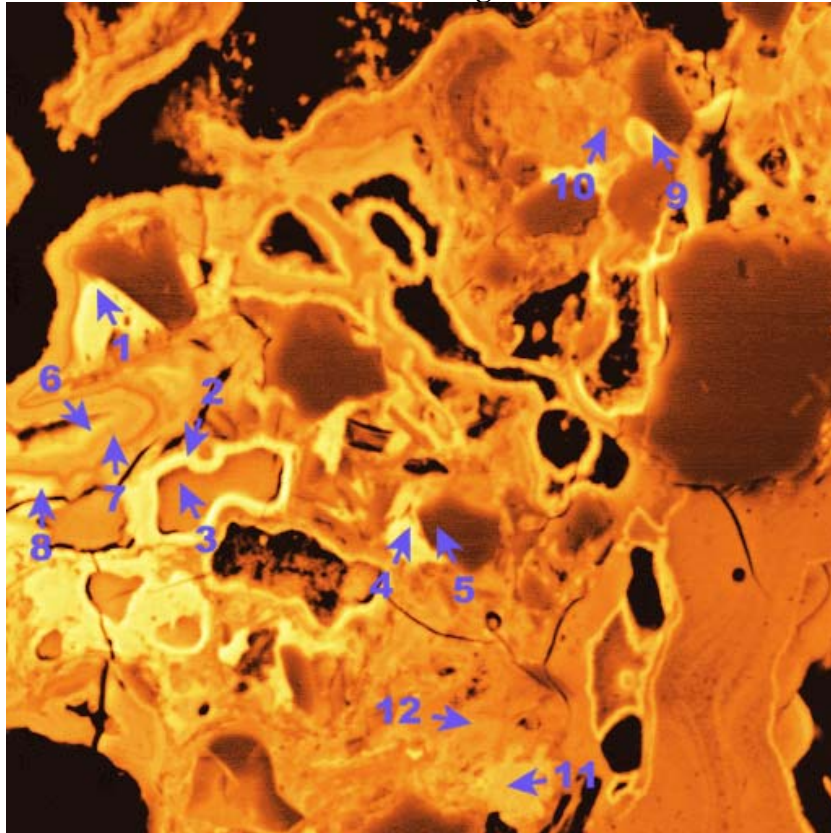
c:\edax32\genesis\genspc.spc/~peakgen.spc

Label A: 13apr04 p6c7 344 248 Point 7

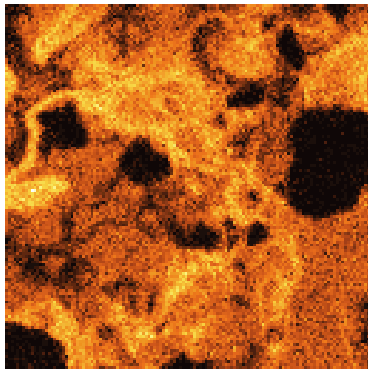
Label B: H K



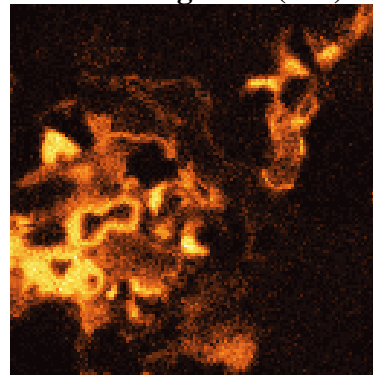
P6C7 – 356, 231  
BSE Image



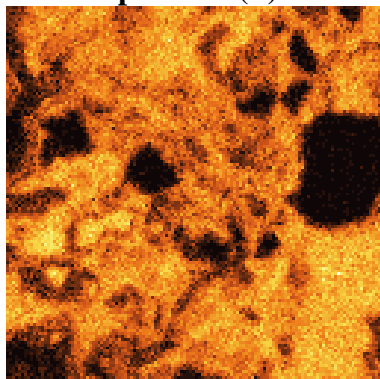
Iron (Fe)



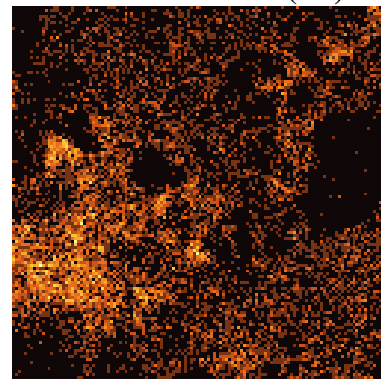
Manganese (Mn)



Phosphorous (P)

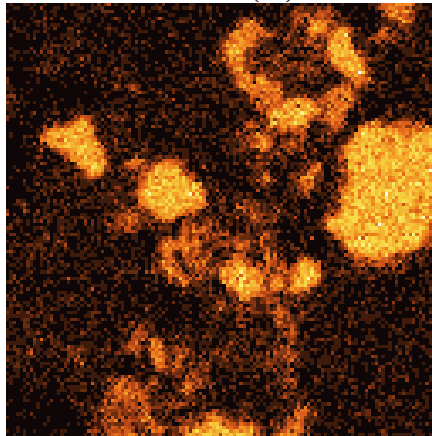


Lead (Pb)





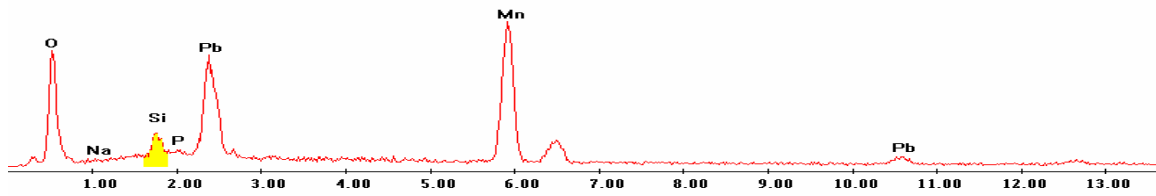
### Silicon (Si)



EDS Scan Images by Point

### Point 1

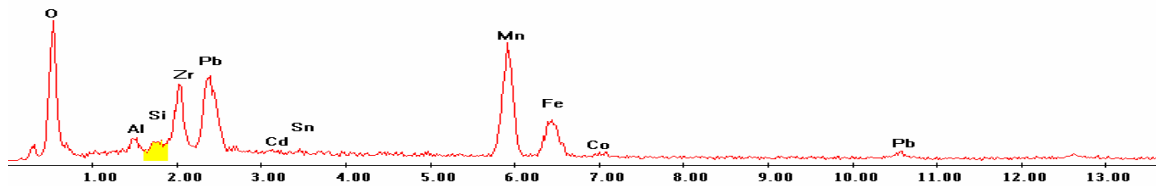
Label A: 16jun04 P6C7 356 231 Point 1



### Point 2

D:\Userdata on EPMA\UserImages\16jun04 P6C7 356 231 Point 2.spc

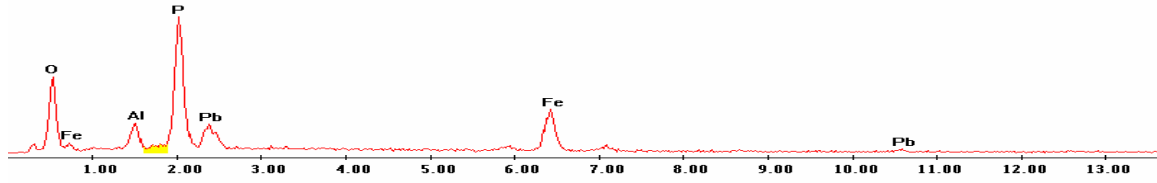
Label A: 16jun04 P6C7 356 231 Point 2



### Point 3

c:\edax32\genesis\genspc.spc

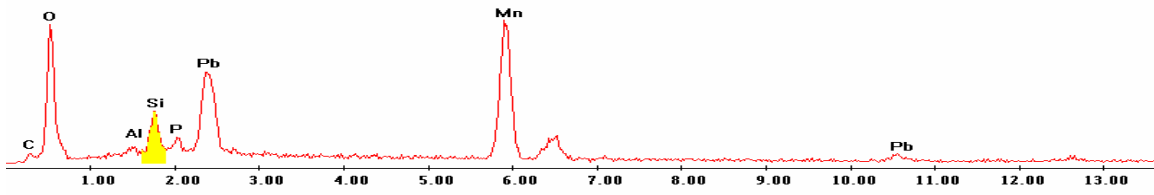
Label A: 16jun04 P6C7 356 231 Point 3



### Point 4

c:\edax32\genesis\genspc.spc

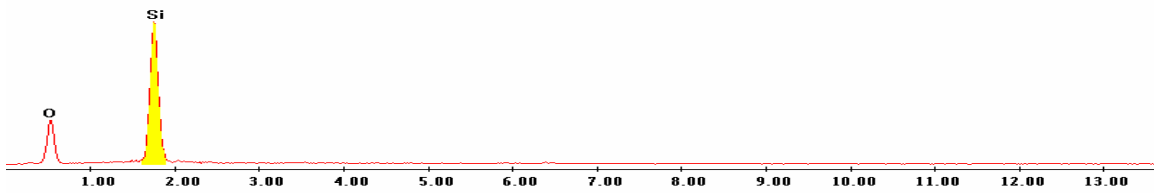
Label A: 16jun04 P6C7 356 231 Point 4



### Point 5

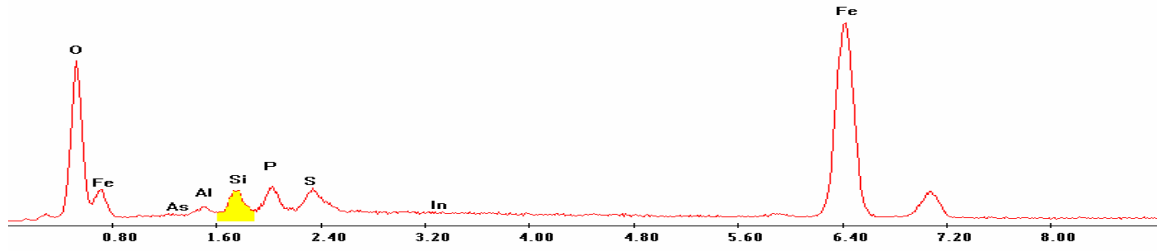
c:\edax32\genesis\genspc.spc

Label A: 16jun04 P6C7 356 231 Point 5



## Point 6

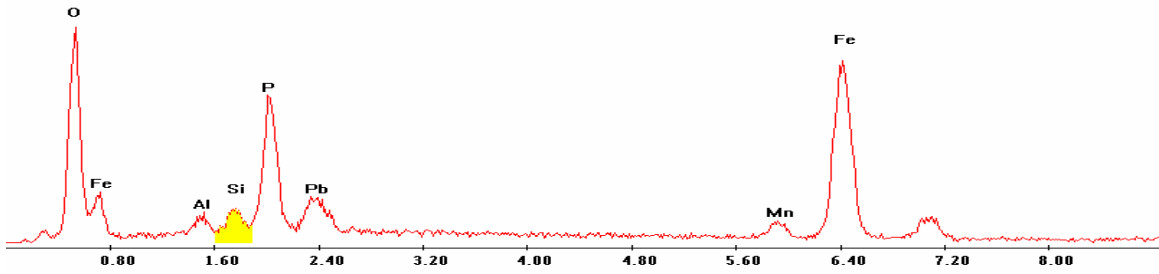
Label A: 16jun04 P6C7 356 231 Point 6



## Point 7

c:\edax32\genesis\genspc.spc

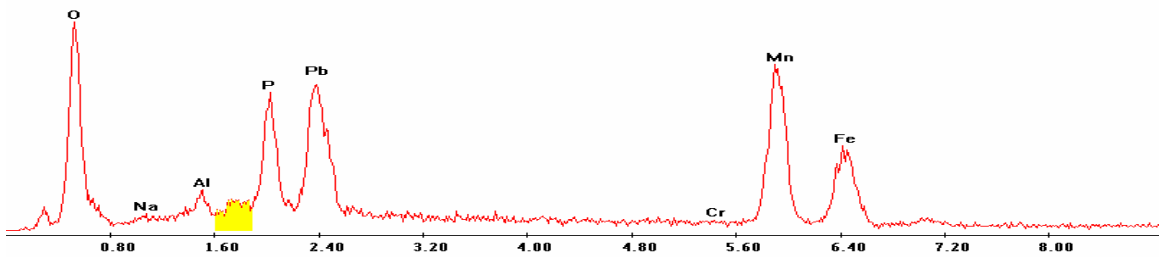
Label A: 16jun04 P6C7 356 231 Point 7



## Point 8

c:\edax32\genesis\genspc.spc

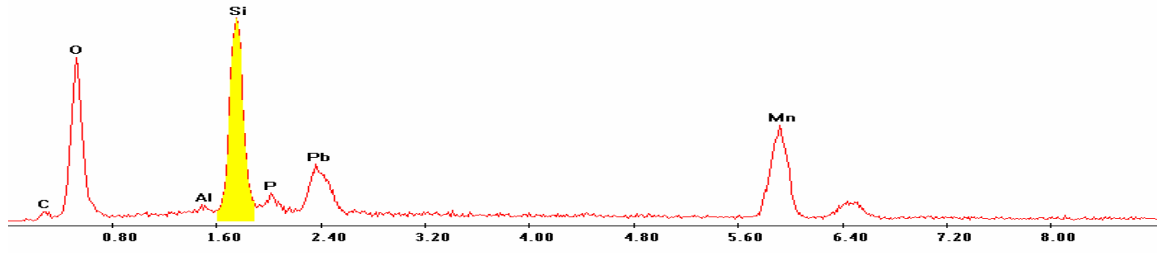
Label A: 16jun04 P6C7 356 231 Point 8



## Point 9

c:\edax32\genesis\genspc.spc

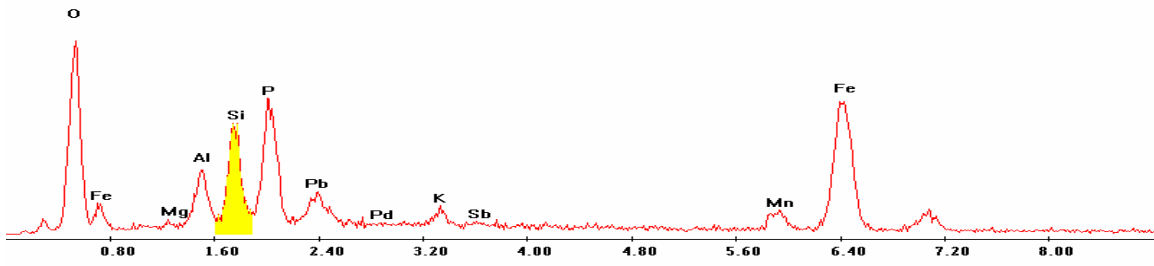
Label A: 16jun04 P6C7 356 231 Point 9



## Point 10

c:\edax32\genesis\genspc.spc

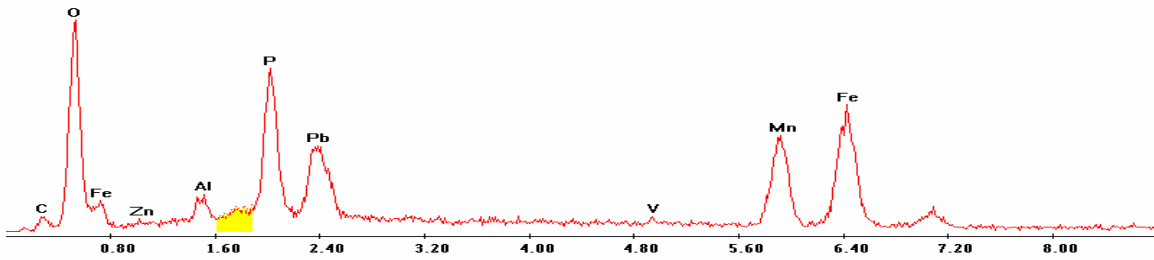
Label A: 16jun04 P6C7 356 231 Point 10



## Point 11

c:\edax32\genesis\genspc.spc

Label A: 16jun04 P6C7 356 231 Point 11



# Point 12

Label A: 16Jun04 P6C7 356 231 Point 12

