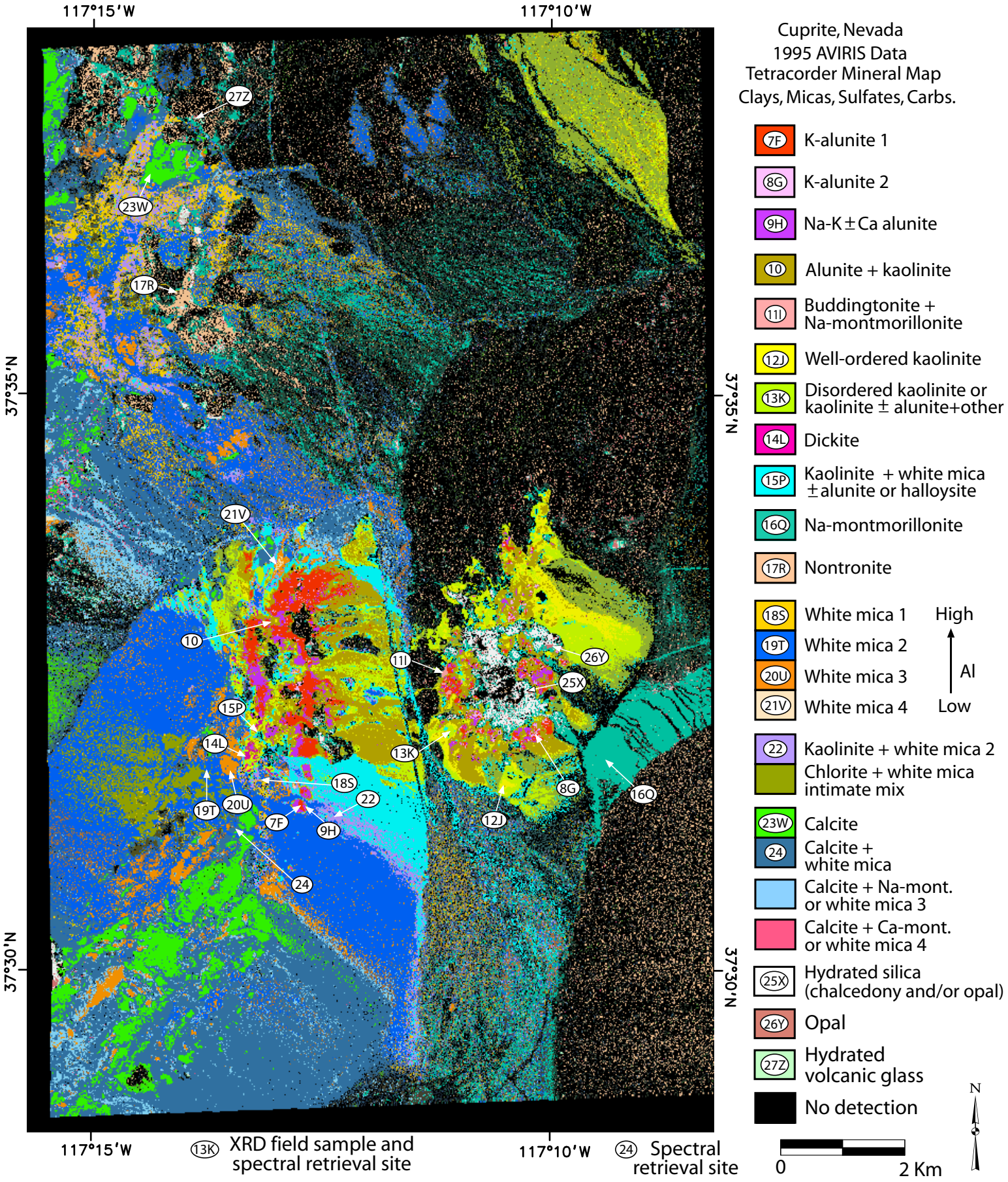
Cuprite, Nevada
1995 AVIRIS Data
Tetracorder Mineral Map
Clays, Micas, Sulfates, Carbs.
7F K-alunite 1
8G K-alunite 2
9H Na-K ± Ca alunite
10 Alunite + kaolinite
11I Buddingtonite + Na-montmorillonite
12J Well-ordered kaolinite
13K Disordered kaolinite or kaolinite ± alunite+other
14L Dickite
15P Kaolinite + white mica ± alunite or halloysite
16Q Na-montmorillonite
17R Nontronite
18S White mica 1
19T White mica 2
20U White mica 3
21V White mica 4
High
Al
Low
22 Kaolinite + white mica 2
Chlorite + white mica intimate mix
23W Calcite
24 Calcite + white mica
Calcite + Na-mont. or white mica 3
Calcite + Ca-mont. or white mica 4
25X Hydrated silica (chalcedony and/or opal)
26Y Opal
27Z Hydrated volcanic glass
No detection
117°15'W
117°10'W
37°35'N
37°30'N
13K XRD field sample and spectral retrieval site
24 Spectral retrieval site
0
2 Km
N