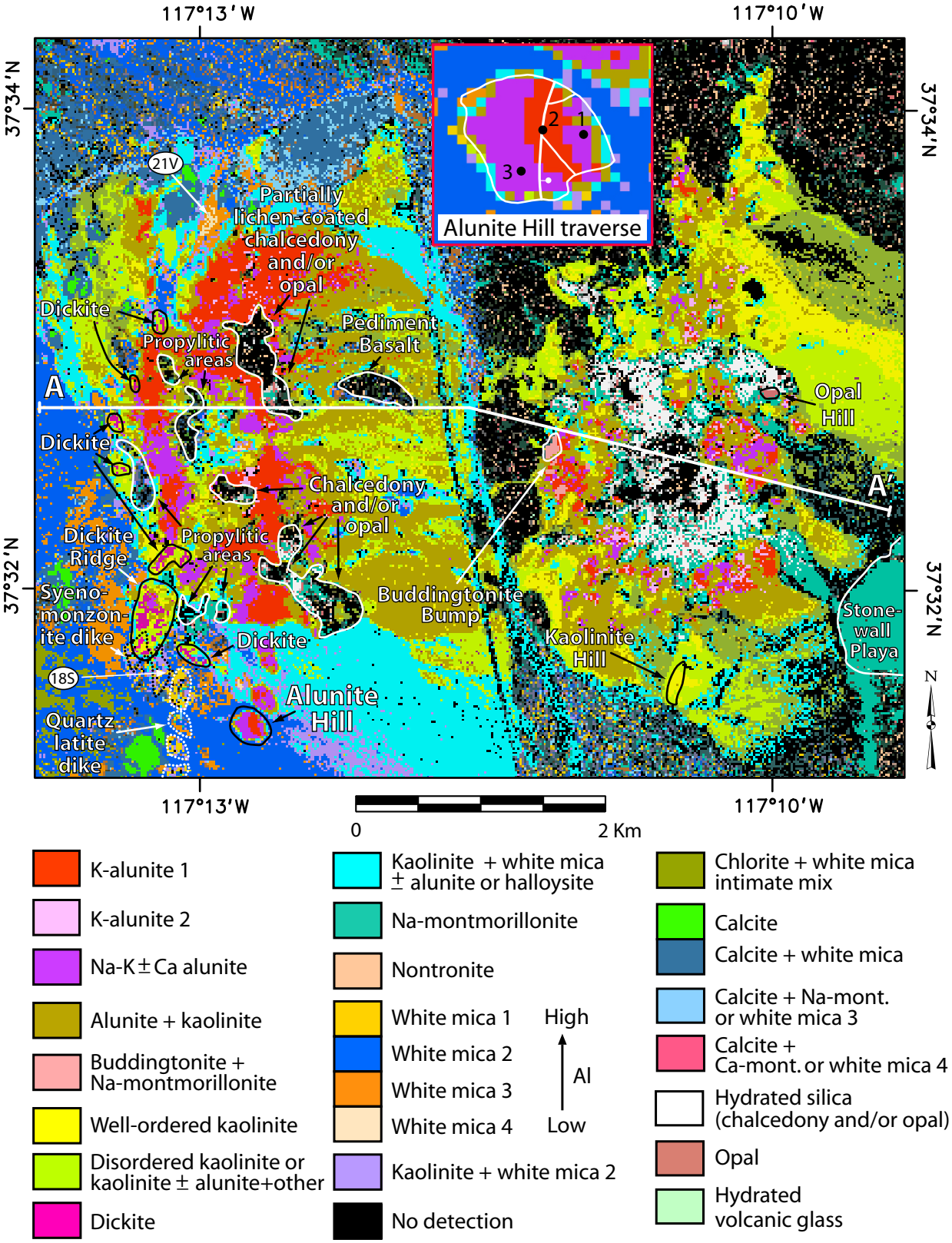
117°13′W
117°10′W
37°34′N
37°32′N
Alunite Hill traverse
1
2
3
21V
18S
Partially lichen-coated chalcedony and/or opal
Dickite
Propylitic areas
Pediment Basalt
A
A′
Opal Hill
Chalcedony and/or opal
Dickite Ridge
Syeno-monzon-ite dike
Buddingtonite Bump
Kaolinite Hill
Stone-wall Playa
Alunite Hill
Quartz latite dike
N
0
2 Km
K-alunite 1
K-alunite 2
Na-K ± Ca alunite
Alunite + kaolinite
Buddingtonite + Na-montmorillonite
Well-ordered kaolinite
Disordered kaolinite or kaolinite ± alunite+other
Dickite
Kaolinite + white mica ± alunite or halloysite
Na-montmorillonite
Nontronite
White mica 1
White mica 2
White mica 3
White mica 4
High
Al
Low
Kaolinite + white mica 2
No detection
Chlorite + white mica intimate mix
Calcite
Calcite + white mica
Calcite + Na-mont. or white mica 3
Calcite + Ca-mont. or white mica 4
Hydrated silica (chalcedony and/or opal)
Opal
Hydrated volcanic glass