

## JPAX - Jack Pine-Aspen Forest Mosaic



Photo credit: Kevin Hop

The Jack Pine-Aspen Forest Mosaic Map Unit (JPAX) represents not only the [Jack Pine - Aspen / Bush Honeysuckle Forest](#) Association, but also a combination of the [Jack Pine / Balsam Fir Forest](#) Association with either or both the [Aspen-Birch / Boreal Conifer Forest](#) Association and [Aspen - Birch - Red Maple Forest](#) Association.

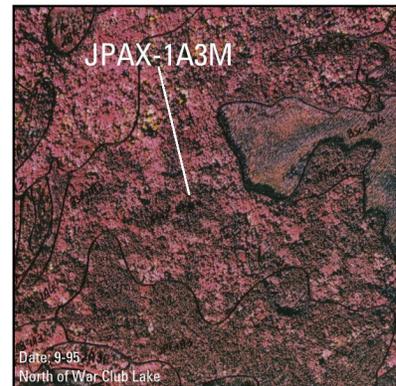
A polygon mapped as JPAX most commonly is a combination of Jack Pine / Balsam Fir Forest and Aspen-Birch / Boreal Conifer Forest. Even with the addition of the Aspen - Birch - Red Maple Forest, the JPAX Map Unit used this way is actually a combination of the JPF and AB Map Units.

When JPAX was used to map a combination of jack pine and aspen forest types, it was mapped as such because forests occurred in a mosaic pattern with each other. The jack pine forest type often occurs on ridge tops with dry, thin soils over bedrock. The aspen forest types often occur on hillsides and shallow valleys where the soils are more developed and mesic. These habitats are of patchy occurrence, creating a mosaic of forest types too intricate to map comfortably. Instead, a secondary minimum mapping unit of 2-5 ha size was used to map these forests when in a mosaic pattern with each other. When the individual forests fall within or below this range, this mosaic-mapping guide was applied.

The Jack Pine - Aspen / Bush Honeysuckle Forest Association occurs on well-drained somewhat rocky upland sites. This association classifies as a true mix of jack pine and aspen trees. These true mix situations were seen as less common during the mapping.

## JPAX - Jack Pine-Aspen Forest Mosaic

JPAX-1A3M appears light red with a billowy texture to dark red with a fine texture. The light red is the aspen and the dark red is the jack pine. The jack pine and aspen forests are arranged in a mosaic pattern. The canopy is closed and evenly dispersed. The tree height falls within the 12-20 meter range. Evergreen and deciduous forest types share dominance within the polygon. The photo was taken in September 1995.



JPAX-1A3E appears light red with a billowy texture to dark red with a fine texture. The jack pine and aspen forests are arranged in a mosaic pattern. The canopy is closed and evenly dispersed. The tree height falls within the 12-20 meter range. The individual jack pine forests cover 60-75% of the polygon, where the aspen forests cover 25-40%. The photo was taken in September 1995.

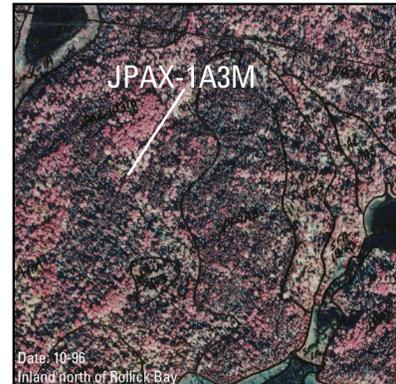


JPAX-1A3M appears light red with a billowy texture to dark blue-red with a fine texture. The jack pine and aspen forests are arranged in a mosaic pattern. The canopy is closed and evenly dispersed. The tree height falls within the 12-20 meter range. Evergreen and deciduous forest types share dominance within the polygon. The photo was taken in September 1996.



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### Area Report for JPAX Map Unit

# Polygons: 715

# Hectares: 4,592

# Acres: 11,348

Average size: 6 hectares, 16 acres

### Accuracy Assessment Results for JPAX Map Unit

The Jack Pine-Aspen Forest Mosaic Map Unit was assessed at 83% producers' accuracy (confidence interval 69-96%) and 80% users' accuracy (confidence interval 66-94%).