

BERYL
 $\text{Be}_3\text{Al}_2\text{Si}_6\text{O}_{18}$

The most common and widespread beryllium mineral. Occurs principally in granitic pegmatites, a few high-temperature veins, and greisen. Northern Peninsula.

Baraga County: West of Lake Michigamme: Found in feldspar-poor pegmatites and quartzose veins that cut Michigamme slates and graywackes (Snelgrove et al., 1944).

Dickinson County: *Randville area*, quarries in the SE ¼ section 19, T42N, R29W: In post-Animikie pegmatites as greenish-gray crystals as large as 5 cm in diameter with quartz, albite, microcline, muscovite, biotite, tourmaline, garnet, and columbite-tantalite (James et al., 1961). This is apparently the same area from which Pratt (1954) reports yellowish green crystals up to 10 cm in pegmatite in granite.

Marquette County: **1.** Michigamme area: In feldspar-poor pegmatites and quartz veins cutting Michigamme slates and graywackes with feldspar, quartz, apatite, muscovite, andalusite, and molybdenite (Snelgrove et al., 1944). **2.** *Republic area*, in several localities: a. Prospect at SW ¼ section 8, T46N, R29W: A pocket of opaque yellowish green beryl in a quartz vein with molybdenite (Snelgrove et al., 1944; Conrad, 1952). b. SE ¼ SW ¼ NW ¼ and the SW ¼ SE ¼ SW ¼ section 17, T46N, R29W and on M-95 near Republic: Greenish yellow crystals as long as 15 cm in pegmatite with quartz, microcline, and muscovite (Snelgrove et al., 1944). Unfortunately, recent attempts to relocate these occurrences have led to the conclusion that they may now be buried under mine tailings, and consequently no longer accessible.

FROM: Robinson, G.W., 2004 Mineralogy of Michigan by E.W. Heinrich updated and revised: published by A.E. Seaman Mineral Museum, Houghton, MI, 252p.

UPDATE

Dickinson County: Abandoned pegmatite quarry near Randville, near center of N ½ NW ¼ section 26, T42N, R30W: As pale yellow crystal sections up to 10 cm in pegmatite. Similar crystals

are also found in an unnamed pegmatite in SW ¼ SE ¼ section 30, T42N, R29W (Buchholz et al., 2013a).

UPDATE FROM: Robinson, G.W., and Carlson, S.M., 2013, Mineralogy of Michigan Update: published online by A.E. Seaman Mineral Museum, Houghton, MI, 46p.