Rare earth pegmatites were discovered on the west slope of the Medicine Bow Mountains in 1956 by Ralph Platt, Jr. and Ralph Platt, Sr. of Laramie, Wyoming. The pegmatite district is located west of the Platte River, south of Big Creek, and north of Grinnell in T. 13 N., R. 81 W. The pegmatites are found in a low-grade greenschist unit that has been metasomatized to greenschist and local areas of metasomatic granite greenschist and greenschist granite.

The pegmatite has been mined for rare earth minerals since 1956 by Ralph Platt, Jr. This pegmatite is located in SW1/4 sec. 3, T. 13 N., R. 81 W.
orebody that has been tentatively identified as
a rare earth mineral. Several rare earth minerals have been
stockpiled, several tons of the mineral
were mined in 1950. The pegmatite
reek is 100’ long and 70’ wide and has been
mined to a depth of 75 feet.