










**Nikolai Greenstone**  
Green, dark-brown, reddish-brown and maroon subaerial amygdaloid basalt flows separated locally by thin reddish-brown non-marine volcanoclastic beds. Intermixed aa and pahoehoe flows with individual flow units ranging from a few inches to more than 50 feet thick. Amygdules filled with quartz, calcite, chlorite, epidote, pumpellyite, prehnite and some zeolite minerals. Native copper locally in flow tops, fracture zones and amygdules.

Inclined      Overturned      Vertical      Horizontal

Strike and dip of beds or flows

*Arrow indicates direction of tops in vertical beds*

Inclined      Vertical

Strike and dip of slaty cleavage

### Pond deposits

The zonation of the Buchlas reported above is interpreted as follows:		
Lower Cretaceous	Valanginian	<i>Buchla sublaevis</i> (slady) <i>Buchla crassicoilis</i> molina (Lahusen)
	Lower Valanginian or Upper Bernasian	<i>Buchla n. sp. cf. B. tolmatschowi</i>
	Berriasian	<i>Buchla okenisi</i> (Pavlov)
Upper Jurassic	Tithonian	<i>Buchla fischeriana</i> (d'Orbigny)

Moffitt, F. H., 1954, *Geology of the eastern part of the Alaska Range and adjacent area*: U.S. Geol. Survey Bull. 989-D, p. 65-218.

Richter, D. H., and Schmoll, H. R., *Geologic map of the Nabesna C-5 quadrangle, Alaska*: U.S. Geol. Survey Geol. Quad. Map GQ-1062 (in press).

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