



In the Pacific Northwest, the four principle factors responsible for the degradation of salmon stocks have been referred to colloquially as the “four H’s”: habitat degradation and loss, hydroelectric dams and other impoundments, harvest practices, and hatchery propagation (Ruckelshaus et al. 2002). Of these factors, habitat degradation and loss is the most likely to affect salmon stocks in the Nushagak and Kvichak River watersheds. In the Pacific Northwest, habitat degradation and loss related to human land use have obviously been a major factor in salmon declines by reducing population productivity, adult densities, and early-life-stage production over large geographic areas (Ruckelshaus et al. 2002).

Table 13-1. Mining prospects (in addition to the Pebble deposit) with more than minimal recent exploration in the Nushagak and Kvichak River watersheds. See Figure 13-1 for prospect locations.

Prospect	Resource	References
AUDN	Porphyry copper	Millrock Resources 2011 Millrock Alaska 2012a
Big Chunk North	Porphyry copper	U5 Resources 2010
Big Chunk South	Porphyry copper	AHEA 2012 Big Chunk Corp. 2012 Liberty Star 2012a
Fog Lake	Gold, copper	Alix Resources 2008 USGS 2008
Groundhog	Porphyry copper	Kennecott Exploration Co. 2011 Szumigala et al. 2011
Humble	Porphyry copper	Millrock Resources 2011 Millrock Alaska 2012b
Iliamna	Porphyry copper	Bristol Exploration Co., Inc. 2011
Kamishak	Porphyry copper	AERI 2008
Kaskanak	Porphyry copper	Full Metal Minerals 2008, 2012
Kisa	Gold	Golden Lynx 2009
Northern Bonanza	Gold	Northern Bonanza Trust 2011
Shotgun	Gold	TNR Gold Corp. 2011, 2012 ADNR 2012a
Sleitat	Tin, tungsten	Thor Gold Alaska, Inc. 2011
Pebble South/PEB (38/308 Zones/BOO)	Porphyry copper	Full Metal Minerals 2008, 2012 PLP 2011 Szumigala et al. 2011
Stuy	Porphyry copper	Stuy Mines, LLC 2010