

Boulder Creek Uranium Deposit, Seward Peninsula, Western Alaska

Introduction

The Boulder Creek uranium deposit, 100 miles east of Nome on the Seward Peninsula, is the northernmost sandstone uranium deposit known in the world. Discovered in 1978 through an airborne radiometric survey, the deposit contains a conservative historic resource estimate of 1 million pounds of 0.27% U₃O₈; geological inference and drilling since the 1981 estimate suggest resources on the known trend should total several times that amount of uranium.

The epigenetic deposit is contained in continental Eocene sandstones in the Boulder Creek Basin at the south end of the Death Valley depositional basin with the uranium derived from Late Cretaceous quartz monzonites of the Darby Mountains to the immediate west (Dickinson, K.A., Cunningham, K. and Ager, T.A., 1987, *Geology and origin of the Death Valley uranium deposit, Seward Peninsula, Alaska: Economic Geology*, v. 82, p. 1558-1574).

Additional uranium potential exists in the Death Valley Basin to the immediate north of Boulder Creek with some 25 km of basinal contact with the intrusive rocks and in another large, apparent structural basin in the area, McCarthy's Marsh, a 50 km by 25 km basin to the west of the Darby Mountains.

Exploration History

Exploration work by Houston Oil and Minerals from 1978 through 1981 included over 11,000 feet (3,350 meters) of diamond core drilling in 52 holes and about 200 feet of surficial split-tube sampling in 21 holes. This drilling outlined a resource of 1 million pounds of U₃O₈ in zones with a conservatively calculated average grade of 0.27% U₃O₈ and an average thickness of 9.9 feet (3 meters). These resources are included in an area 300 X 3,000 feet (100 X 1000 meters) at depths from the surface to 350 feet (100 meters) along a northwest trending mineralized zone. The vast majority of these resources are within 200 feet (60 meters) of the surface.

In 2005 Full Metal Minerals Ltd. optioned the property and established a joint-venture with Triex Minerals Corporation. Full Metal and Triex conducted a biogeochemical sampling program in 2005 and continued work on the property and surrounding areas in 2006 and 2007 including airborne radiometric surveys, ground reconnaissance and drilling of 22 core holes totaling 6,979 feet (2,124 meters) with mixed results. Some of the drill holes were focused on the significant coal resources in the area of the claims. In 2007 Triex re-established the Admiralty Creek base camp a mile from the property and extended the airstrip there to 1800 feet.

Property

The Boulder Creek property is held with eleven unpatented federal mining claims by the Tubutulik Mining Company, LLC, and is available for lease/option or purchase. Reports from all of the previous work plus a current synopsis report are available for review by serious inquirers.

For further information, contact David Hedderly-Smith, Ph.D., P.G., Manager of the Tubutulik Mining Company LLC, at 435-901-1486 or hedderly@msn.com.