



MEDIA RELEASE

Alaska Department of Natural Resources

Tom Irwin, Commissioner
550 West 7th Ave., Suite 1400
Anchorage, Alaska 99501
907-269-8431

DNR Public Information Center
550 West 7th Avenue, Suite 1260
Anchorage, Alaska 99501-3557
(907) 269-8400

DIVISION OF: Geological & Geophysical Surveys
(DGGs)

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CONTACT: Jen Athey, 451-5028
Laurel Burns, 451-5021
Dawn Roberts, 451-5020

NEW GEOCHEMICAL VALUES FROM HIGHLY MINERALIZED SURFACE ROCK SAMPLES COLLECTED IN THE LIVENGOOD AREA, ALASKA

On January 20, 2004, the Alaska Division of Geological & Geophysical Surveys will release new trace-element geochemical data and whole-rock geochemical data for surface rock samples collected in the central Livengood Quadrangle in 2001 and 2003. Sixty rock samples were analyzed for geochemical trace-element analysis, and 50 samples were analyzed for whole-rock (major- and minor-oxides and petrogenetically important trace-element data) analysis. The sample collection area covers approximately 130 sq. miles, including the Money Knob area, which contains eight known lode gold prospects (Alaska Resource Data Files [ARDF], <http://ardf.wr.usgs.gov/>). One highly anomalous sample from one of these known prospects yielded slightly over one ounce per ton gold. The mineralized zone drains into the Livengood Creek watershed, along which ten inactive and two active placer mines are located (ARDF). Since 1914, more than 500,000 ounces of placer gold have been mined from the Livengood subdistrict, northern portion of the Tolovana mining district.

Mineral resource personnel from the Alaska Division of Geological & Geophysical Surveys conducted geologic mapping and sampling in the Livengood Quadrangle as part of the Alaska Airborne Geophysical/Geological Mineral Inventory Program, an integrated program of airborne geophysical surveys followed by geological mapping. The fieldwork provides basic information critical to building an understanding of Alaska's geology. The Alaska Airborne Geophysical/Geological Mineral Inventory Program is a special multi-year investment by the State of Alaska to expand Alaska's geologic and mineral resources knowledge base, catalyze future private-sector mineral exploration and development, and guide state planning. The Livengood project received partial federal funding through the National Cooperative Geologic Mapping Program, STATEMAP.

####MORE####

Raw Data File 2004-2, *Major-Oxide, Minor-Oxide, and Trace-Element Geochemical Data from Rocks Collected in the Livengood Quadrangle, Alaska in 2001 and 2003*, will be available in report form on paper, from DGGs's Web site (<http://www.dggs.dnr.state.ak.us>), or on CD-ROM. This report can be inspected at and purchased from DGGs, 3354 College Road, Fairbanks, Alaska 99709-3707 (907-451-5020) and beginning February 10, 2004, from the DNR Public Information Center, 550 West 7th Avenue, Suite 1260, Anchorage, Alaska (907-269-8400). Mail orders should be sent to the Fairbanks DGGs office (fax 907-451-5050; mailing address above).

The report will be available for inspection beginning February 10, 2004 at the Alaska Resources Library and Information Service, 3150 C Street, Suite 100, Anchorage, and at the Historical Collection of the Alaska State Library in the State Office Building in Juneau. The Historical Collection is available from 1 to 5 p.m. Monday through Friday (907-465-2927).

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