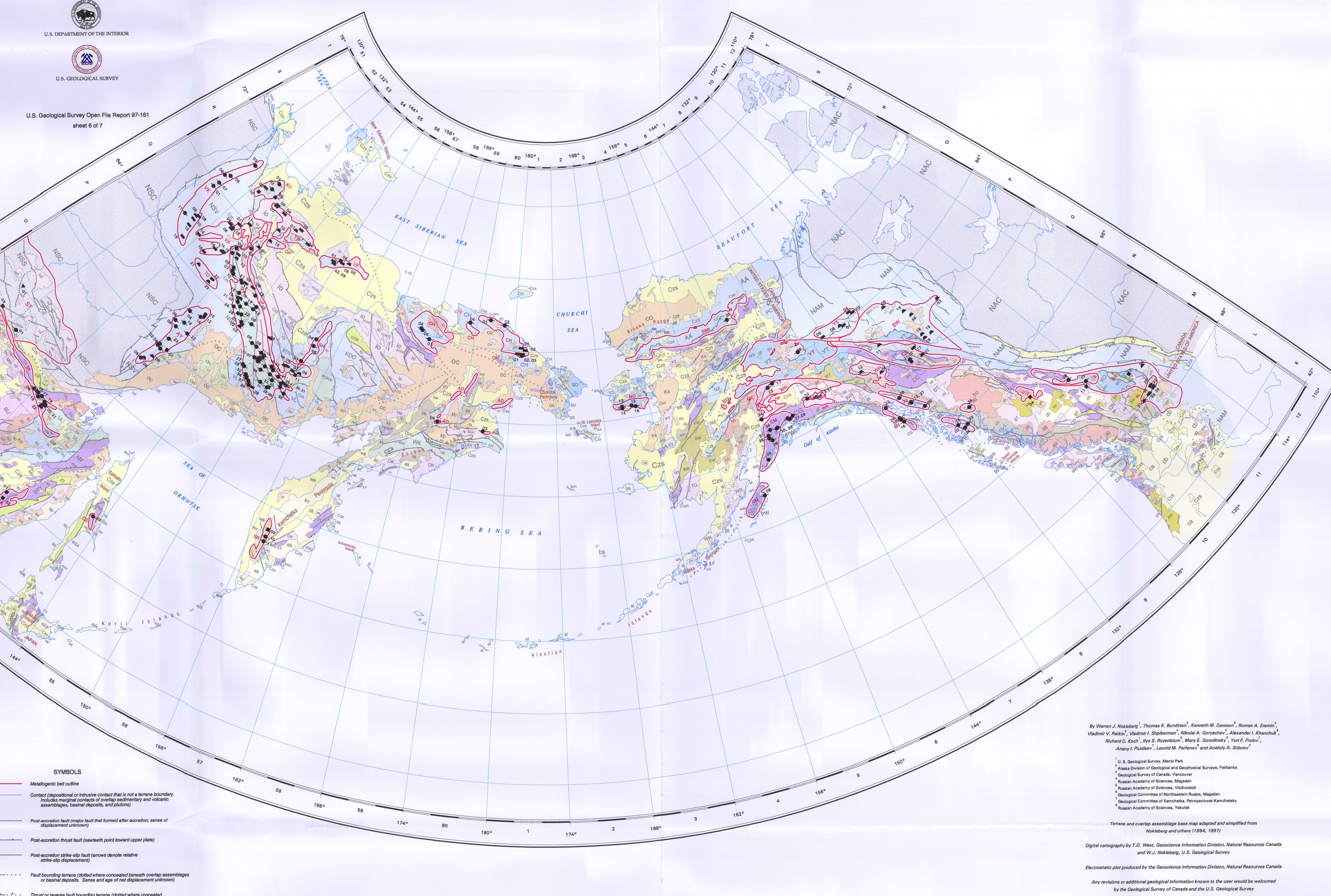


Natural Resources Canada Ressources naturelles Canada U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY Geological Survey of Canada Open File 3446 sheet 6 of 7

TECTONIC ENVIRONMENTS (For terranes with varying geologic history, color indicates dominant tectonic environment) Craton Ocean margin Passive continental margin terranes Mesomorphosed continental margin terranes Continental margin arc terranes Island arc terranes Oceanic crust, sea mount, ophiolite terranes of unknown mode of emplacement Accretionary wedge and subduction zone terranes - Predominantly turbidite and/or ophiolite rocks Accretionary wedge and subduction zone terranes - Predominantly ophiolite rocks with generally lesser amounts of turbidites (Note: includes extensive ophiolite predominantly of turbidites) Mesomorphogenic terranes Turbidite basin terranes METAMORPHIC TERRANES (For terranes recognized with a long age gap, the color of the youngest major unit is shown) Quaternary and late Tertiary Cenozoic (Quaternary and Tertiary) Middle Tertiary Early Tertiary and Late Cretaceous Cretaceous Early Cretaceous and Late Jurassic Jurassic DEPOSIT MODELS STRATIGRAPHIC DEPOSITS IN COARSE CLASTIC SEDIMENTARY ROCKS AND SUBSERIAL BASALT DEPOSITS RELATED TO CALCALKALINE AND ALKALINE INTRUSIONS VENE AND REPLACEMENTS SKANS AND GRESSENS PORPHYRY AND DIABATIC FLUTON-HOSTED DEPOSITS DEPOSITS RELATED TO MAGMATIC AND ULTRAMAFIC ROCKS DEPOSITS RELATED TO REGIONALLY METAMORPHOSSED ROCKS



Accretionary metallogenic belts: Au quartz vein Cu-Ag quartz vein, and basaltic Cu deposits, and anatectic granitic-magmatism-related deposits

MINERAL DEPOSIT AND METALLOGENIC BELT MAPS OF THE RUSSIAN FAR EAST, ALASKA, AND THE CANADIAN CORDILLERA

Scale 1:10 000 000 USGS OPEN FILE REPORT 97-161 SHEET 6 OF 7

Table with columns: NUMBER, DEPOSIT NAME, DEPOSIT MODEL, MAJOR METALS. Lists various deposit types and their associated metals across the region.

Table with columns: NUMBER, DEPOSIT NAME, DEPOSIT MODEL, MAJOR METALS. Continuation of the deposit list from the previous table.

Table with columns: NUMBER, DEPOSIT NAME, DEPOSIT MODEL, MAJOR METALS. Continuation of the deposit list from the previous tables.

USGS recommended citation: Nabelek, W.A., Borden, T.K., Dawson, J.M., Davis, A.L., Klein, V.V., Robinson, V.L., ... 1997. Mineral deposit and metallogenic belt maps of the Russian Far East, Alaska, and the Canadian Cordillera. U.S. Geological Survey Open-File Report 97-161, sheet 6 of 7, version 1.0. 1:10,000,000 scale. 1:10,000,000 scale. 1:10,000,000 scale.