

LEGEND

- QUATERNARY**
 PLEISTOCENE AND HOLOCENE
 Qf Fluvial silt, sand and gravel, in part with cover of organic deposits; undivided
 Qml Hummocky or ridged moraine in area of Laurentide glaciation
 B Pediments, bedrock surfaces mostly with thin cover of colluvium and/or organic deposits
- CRETACEOUS AND TERTIARY**
 UPPER CRETACEOUS AND LOWER TERTIARY
 Kck Cuesta Creek Member: conglomerate and sandstone; alluvial
- CRETACEOUS**
 UPPER CRETACEOUS
 Kbc BOUNDARY CREEK FORMATION: sandstone; bituminous, bentonitic; marine
 LOWER CRETACEOUS
 Kbr Sandstone, conglomerate and shale, flyschoid
 Kmg MOUNT GODDENOUGH FORMATION: shale and siltstone; marine
 Kwc Sandstone, shale and coal; marine and nonmarine; undivided. May include KMR, KMC
 Kmr MCGUIRE FORMATION: shale and siltstone; marine
 Kmc MARTIN CREEK FORMATION: sandstone, shale and coal; nonmarine and marine; may include KWC in the northern Richardson Mountains
- JURASSIC AND CRETACEOUS**
 JURASSIC AND LOWER CRETACEOUS
 Jkh HUSKY FORMATION: shale, siltstone and ironstone; marine
 Jpo PORCUPINE RIVER FORMATION: sandstone and siltstone; marine and nonmarine
 Jkk KINGAK FORMATION: shale and siltstone; marine
- TRIASSIC**
 UPPER TRIASSIC
 Ts SHUBLIK FORMATION: limestone, sandstone and shale; shallow marine
- PERMIAN**
 LOWER AND MIDDLE PERMIAN
 Ps SADLERCHIT FORMATION: sandstone, shale and limestone; marine; undivided
- CARBONIFEROUS**
 LISBURNE GROUP
 Ca ALAPAH FORMATION: limestone, dolomitic; open marine
 CL LISBURNE GROUP: undivided
- ENDICOTT GROUP (CKK-CKY)**
 Cky KAYAK FORMATION: shale, coal and limestone; marine and nonmarine
 Ckk KEKIKTUK FORMATION: conglomerate and quartzite; alluvial
- ORDOVICIAN AND SILURIAN**
 Gs Sedgwick Granite. Radiometric ages of similar granites in Northern Yukon range between 406 and 312 Ma
- NERUOKPUK FORMATION (PN1,2,5,6)**
 Pn6 Sandstone and argillite
 Pn5 Limestone and quartzite
 Pn2 Argillite, limestone and sandstone
 Pn1 Argillite and limestone

- Stream sediment sample location (Goodfellow, W.D., 1979, GSC Open File 565) ○
 Stream sediment sample location (Findlay, D.C. and Bell, R.T., 1982) ●
 Heavy mineral sample, panned concentrate, anomalous values only (Findlay, D.C. and Bell, R.T., 1982) ■
 Heavy mineral sample, panned concentrate (Gleeson, C.F., 1963, GSC Paper 63-32) ▲
- Gold (ppb) Au Barite (ppm) Ba Tin (ppm) Sn Silver (ppm) Ag
 Tungsten (ppm) W Zinc (ppm) Zn Molybdenum (ppm) Mo Uranium (ppm) U
 Mineral occurrence X
 Minor scheelite W Minor chalcocopyrite Cu Minor molybdenite Mo Minor radioactive location U

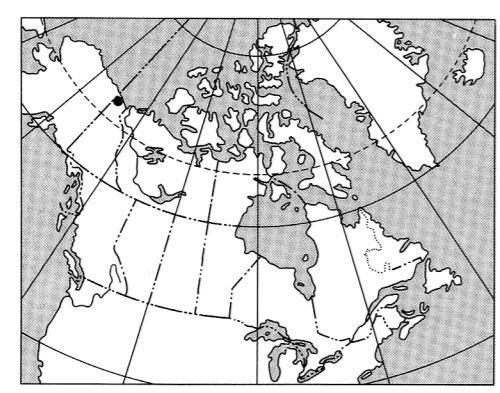


FIGURE 3
 1982 GEOCHEMICAL SURVEY
 MOUNT SEDGWICK AREA, YUKON TERRITORY
 Geology and Geochemical Sample Locations
 Scale 1:100 000
 Kilometres 2 0 2 4 6 Kilometres
 Universal Transverse Mercator Projection
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 Geochemical Surveys by D.C. Findlay and R.T. Bell, 1982; W.D. Goodfellow, 1979; C.F. Gleeson, 1963
 Geochemical Interpretations by C.F. Gleeson and associates 1983; W.D. Goodfellow, 1979
 Geology by D.K. Norris, 1981, GSC Map 1516A (Blow River and Davidson Mountains) and Map 1514A (Herschel Island-Demarcation Point)