

Also see:

Tia 93F3W *

Ng 93F15W

-7-

822083

93F10E

SWAN PROPERTY

Background

The SWAN property is situated south of Swanson Creek on map sheet 93F/10 at Latitude $53^{\circ} 37' N$, Longitude $124^{\circ} 39' W$. It is 60 km southwest of Vanderhoof, and 100 km southeast of Burns Lake. It is 10 km southeast of the Kenny Dam road which connects with Vanderhoof. However, it is only five km north of the road to Finger Creek, and the intervening terrain could be suitable for easy road building. The terrain within the claim group is fairly subdued.

The SWAN group of four claims containing 48 units was recorded on October 21, 1981 (record Nos. 4388-4391). It was reduced to four claims containing 30 units and held by payment of cash-in-lieu of work in 1982. SWAN 3 and 4 claims were retained unchanged. SWAN 1 and 2 claims were reduced by retaining only units 1, 2, 3, 4 in SWAN 1 and units 1, 16 in SWAN 2.

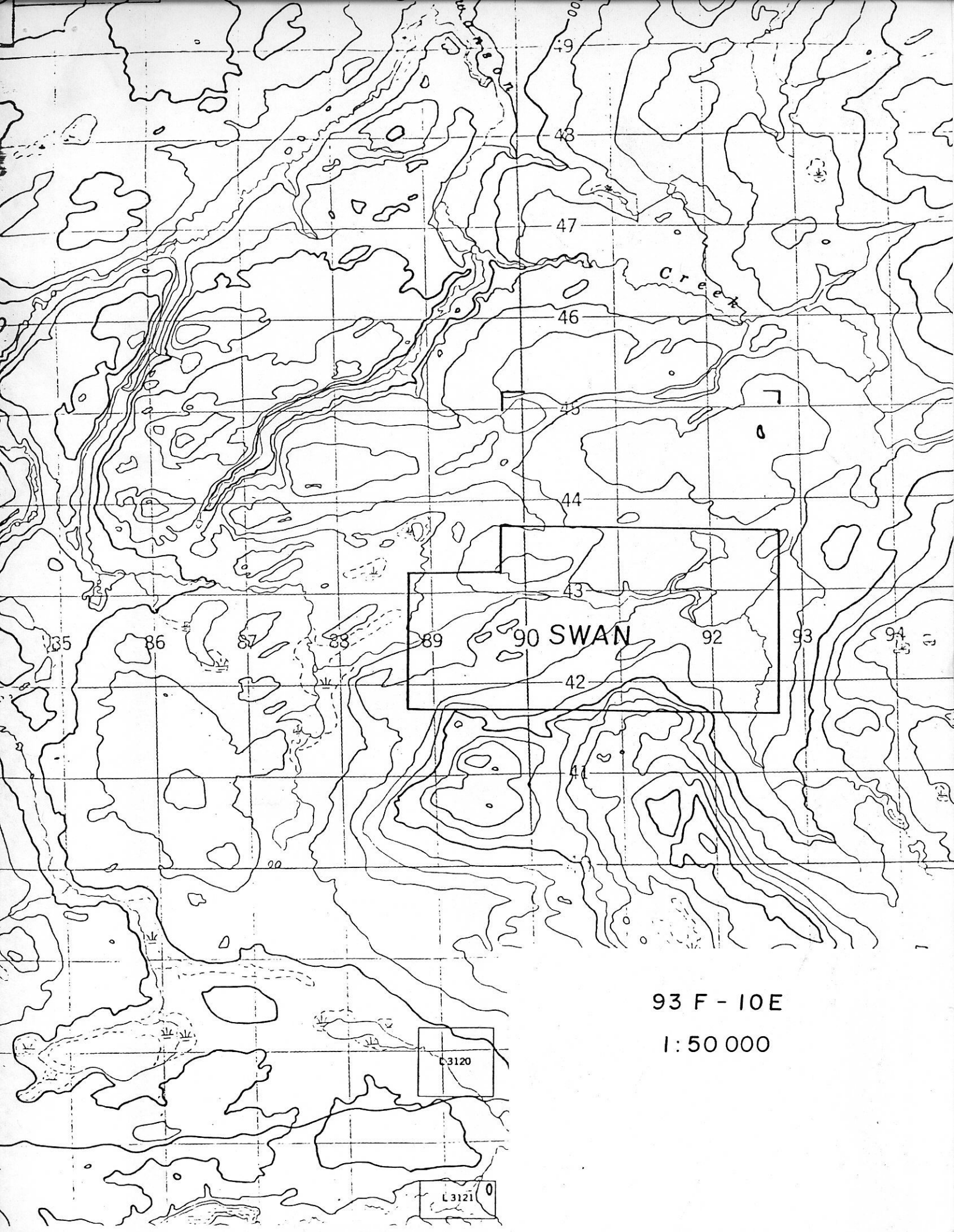
The general area is underlain by Oligocene Ootsa Lake Group altered rhyolite. Outcrop is scarce on the property, but one traverse located two small outcrops of highly weathered biotite-feldspar porphyry, possibly a monzonite.

Three heavy metal in silt samples are anomalous in gold (1200 ppb, 6300 ppb, 235 ppb). Two of these are also anomalous in silver (2.2 ppm, 5.0 ppm), and one is also anomalous in arsenic (36ppm) and in lead (75 ppm). One soil sample contains 180 ppb gold. This indicates that soil sampling will be an effective technique on at least part of the property. The persistence of the silt anomaly train, and the presence of altered acid volcanics and porphyry intrusives are also highly favourable.

Recommendations

Detailed silt and seepage sampling should be done to define more precisely the probable source area of gold. This work would probably best be done by helicopter set-out because the analytical results should be obtained before follow-up is done.

The second stage of work could be done from a camp on the property which could be air-lifted from the road to the south. This would consist of geologic mapping, prospecting, and soil sampling.



93 F - 10E

1:50 000

L3120

L3121 0

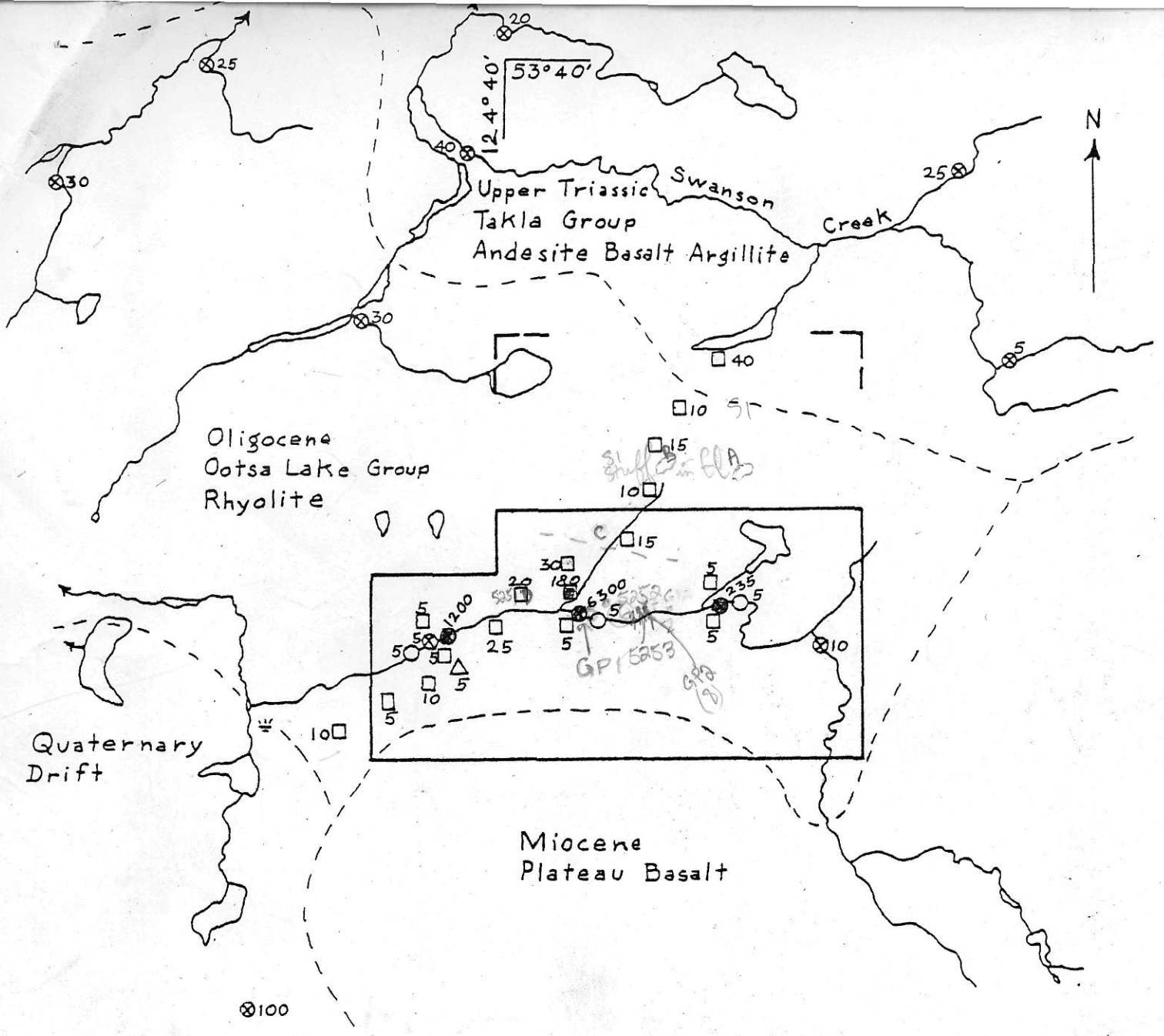
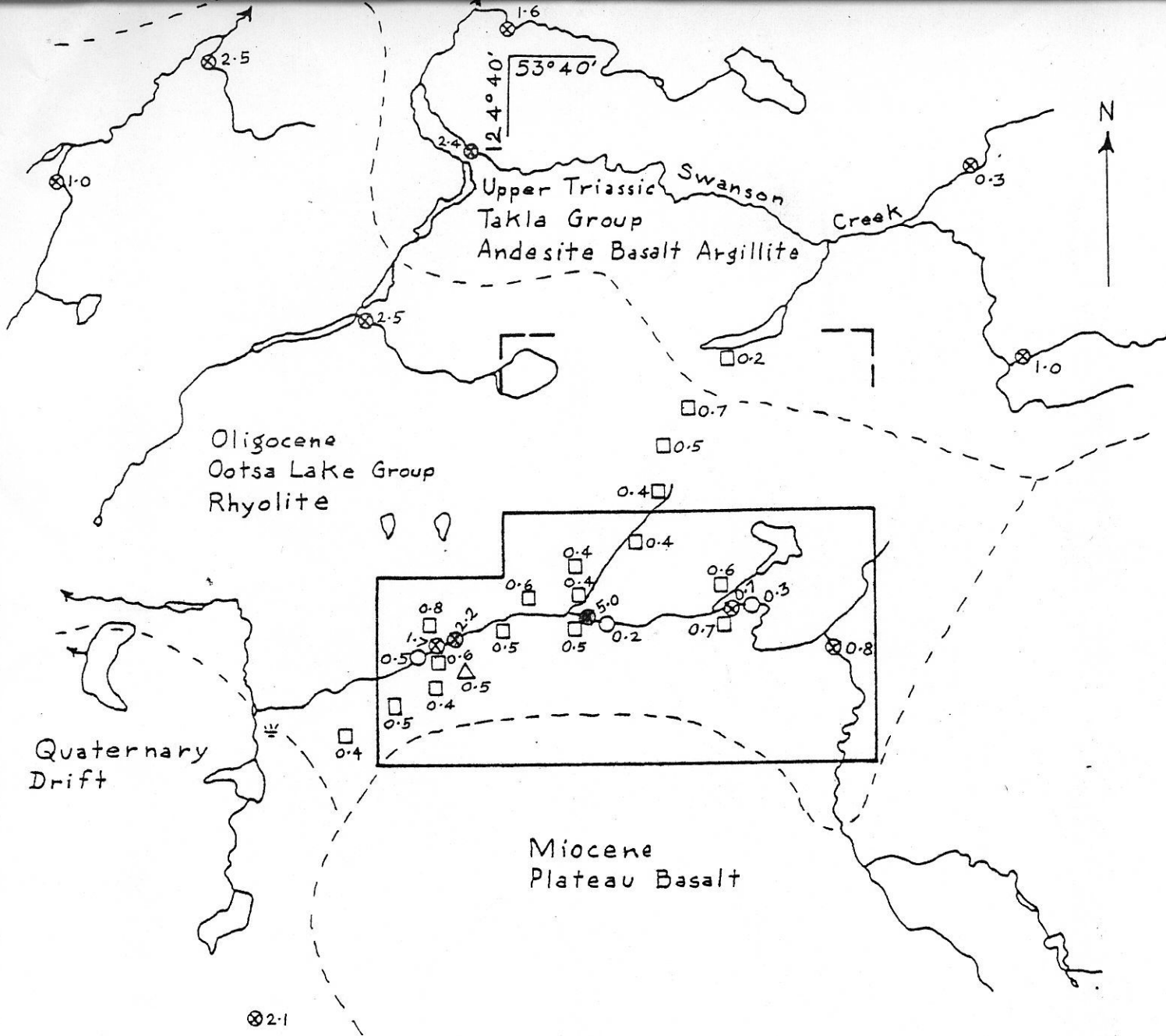


Figure B1



Silver in ppm

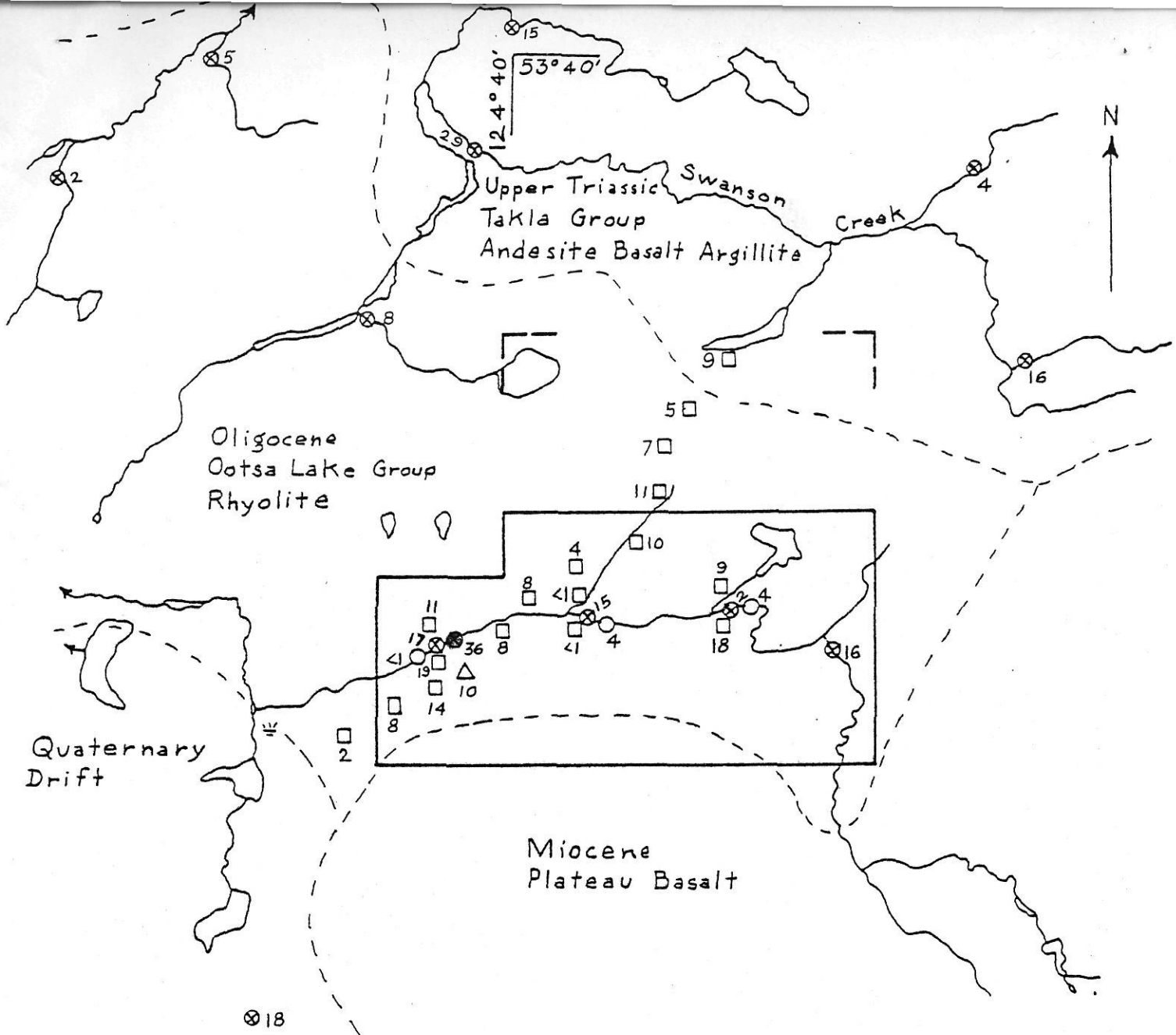
LEGEND

- Silt
- ⊗ Heavy mineral silt
- Soil
- △ Rock

SWAN PROPERTY

Ootsa Area
 Omineca Mining Division B.C.
 Scale 1:50,000

Figure B2



Arsenic in ppm

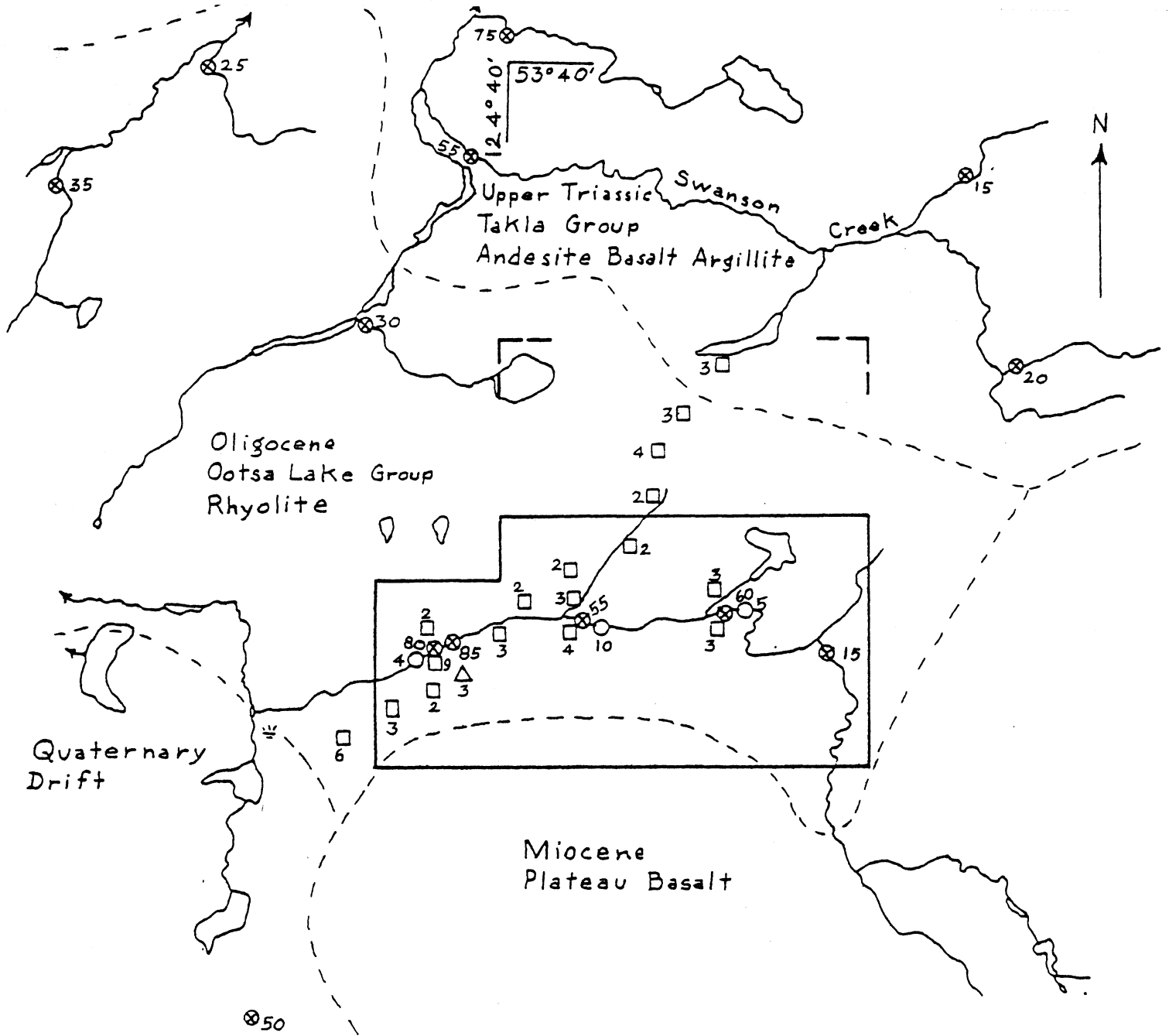
LEGEND

- Silt
- ⊗ Heavy mineral silt
- Soil
- △ Rock

SWAN PROPERTY

Ootsa Area
 Omineca Mining Division B.C.
 Scale 1:50,000

Figure B3



Antimony in ppm

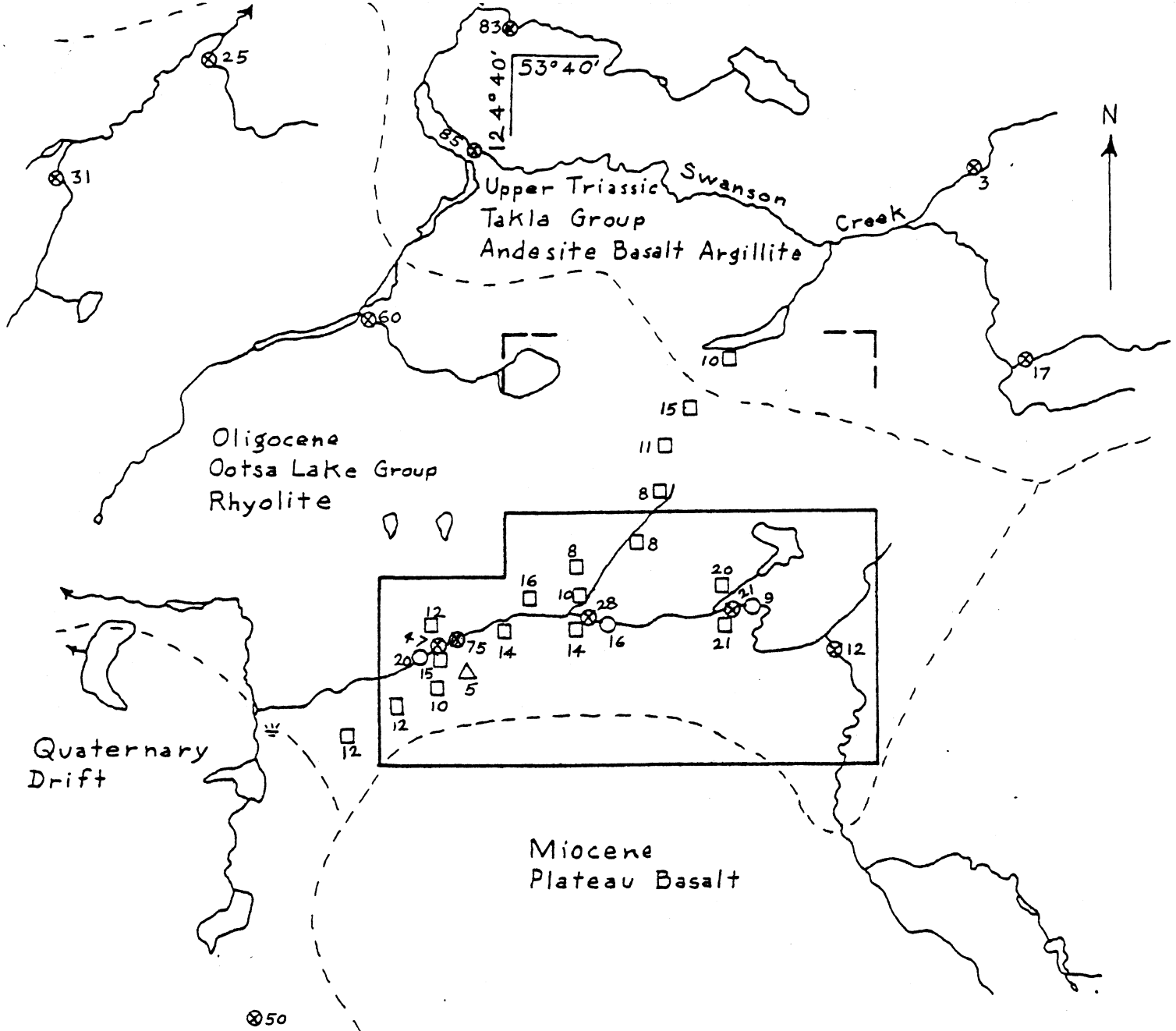
LEGEND

- Silt
- ⊗ Heavy mineral silt
- Soil
- △ Rock

SWAN PROPERTY

Ootsa Area
 Omineca Mining Division B.C.
 Scale 1:50,000

Figure B4



Lead in ppm

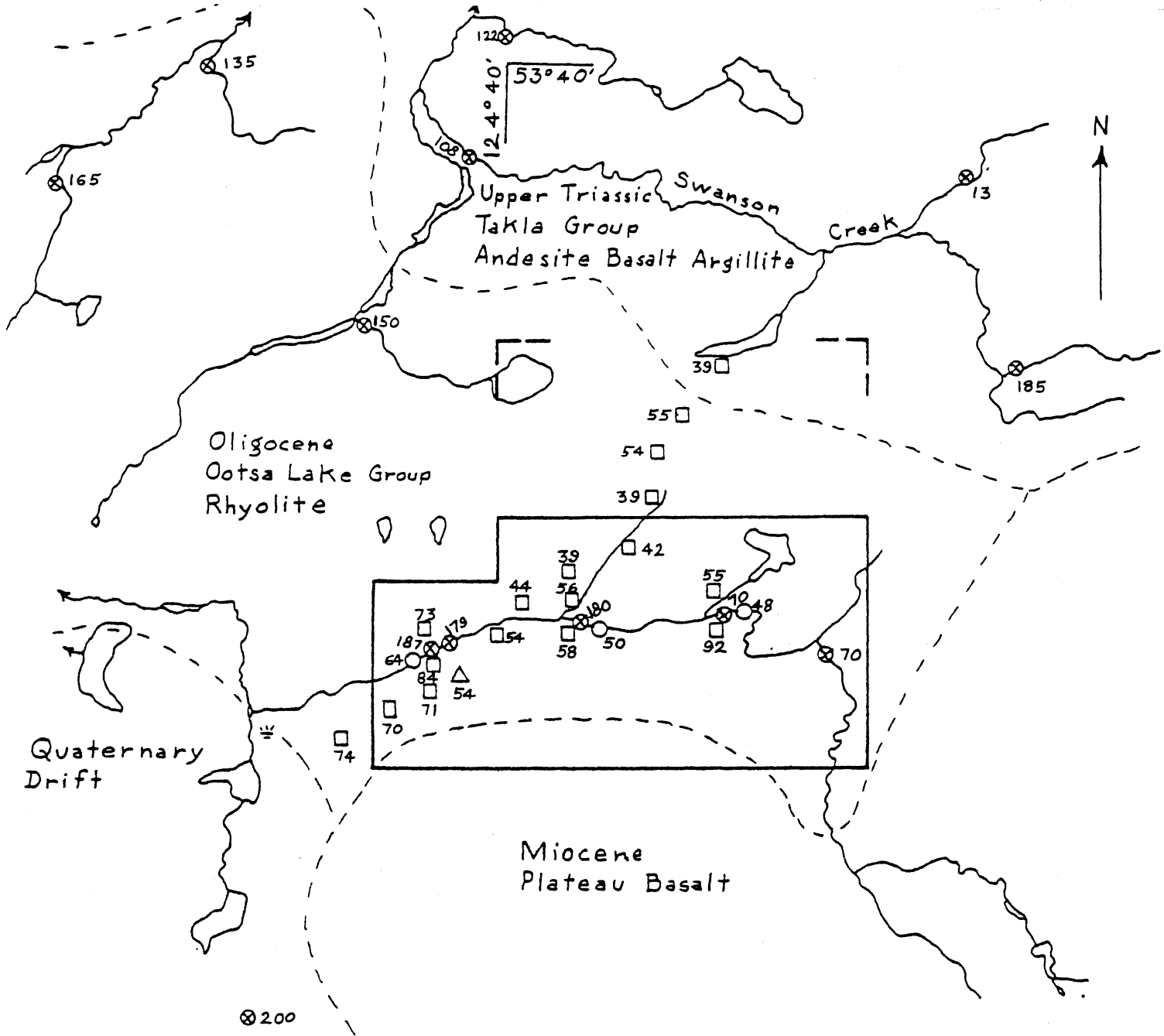
LEGEND

- Silt
- ⊗ Heavy mineral silt
- Soil
- △ Rock

SWAN PROPERTY

Ootsa Area
 Omineca Mining Division B.C.
 Scale 1:50,000

Figure B5



Zinc in ppm

LEGEND

- Silt
- ⊗ Heavy mineral silt
- Soil
- △ Rock

SWAN PROPERTY

Ootsa Area
 Omineca Mining Division B.C.
 Scale 1:50,000

Figure B6

