

1979-10-04

SUMMARY NOTES  
ROSE CLAIMS

842005

Location: 140 km SSE of Sandspit, Q.C.I.

Claims: Rose #1 to 6, totalling 88 units.

Geology: A major locus of the Louscoone Fault System bisects the property. On the north side of this a 1.7 km wide belt of the Kunga Formation, of which all three main facies (massive, flaggy, and argillaceous) are known to be present. Most of the remaining claims area is underlain by Karmutsen volcanics, except for some schistose or gneissose rocks which may themselves be Karmutsen equivalent. These metamorphics may represent a northwest extension of the migmatitic complex mapped by Sutherland-Brown further to the southeast, or they may represent a rather broad zone of shearing associated with the Louscoone Fault System.

Some true argillites, and fairly abundant andesite dykes, were observed on a traverse in the south-central area of the claims.

Geochemistry: Three main groups of anomalous samples are present, two of which are well clustered and lying close to presumed major faults. The zones represented (measured perpendicular to the faults) are 700 to 900 m wide, with moderate to good Au and associated As values and are underlain by Karmutsen rocks. The third anomaly is more diffuse, but the Au values there seem to lie along a northwesterly trend which could be another locus of major faulting, but which is also parallel to the regional trend of the underlying Kunga sediments.

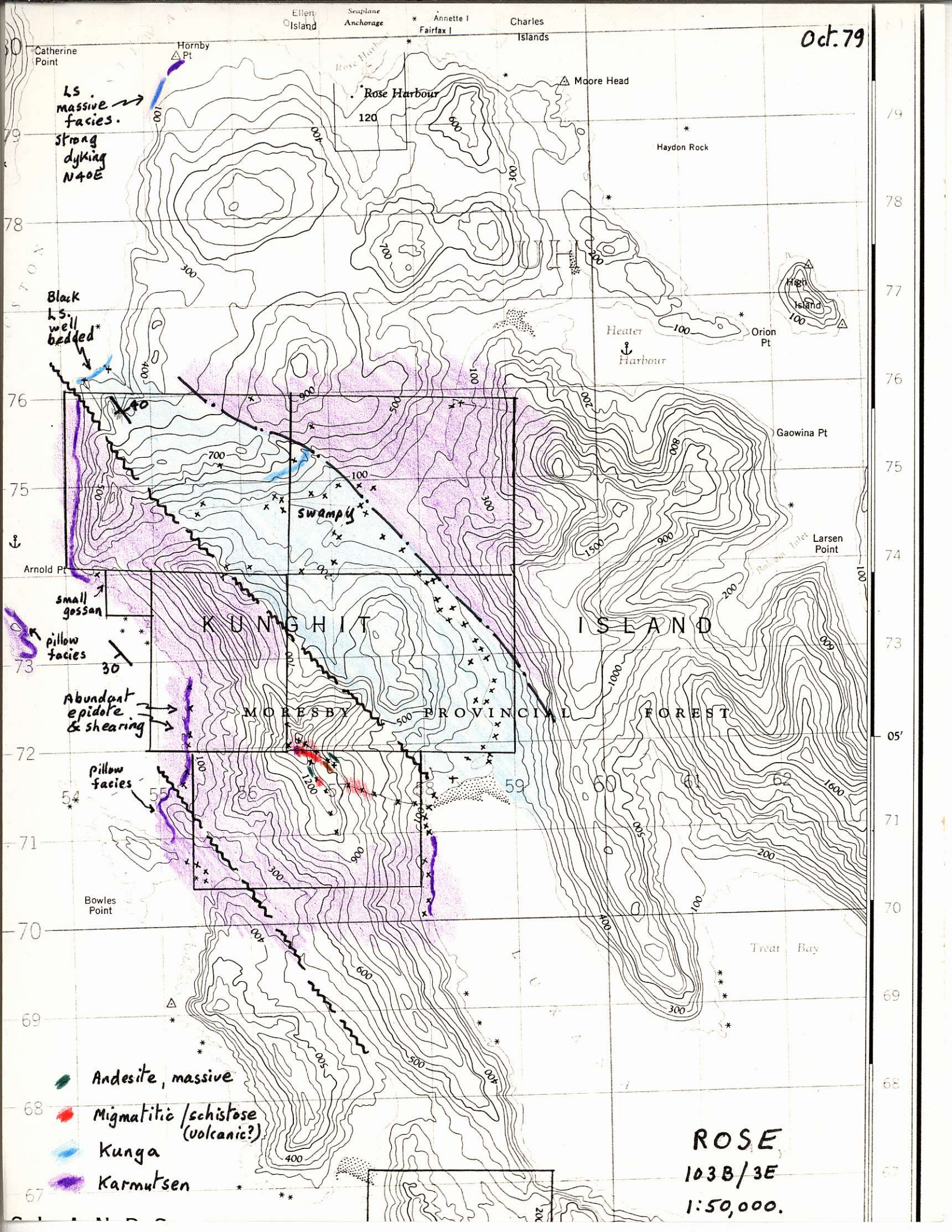
Discussion: The inferred Au mineralization evidently has strong structural control, and may partly be associated with alteration (especially epidote) zones well within the Karmutsen. Some geological comparison may be made with the Howe, Fanny, and Mosquito properties and the Rose would fare well in this comparison.

An initial exploration program, restricted mainly to the southern half of the claim block, could be undertaken fairly cheaply. The targets would be to try to identify the host, and to confirm the apparently good Au anomaly grouping.

*D.A.*

D. ARSCOTT

Oct. 79



LS massive facies.  
strong dyking  
N40E

Black ls.  
well bedded

swampy

small gossan  
pillow facies

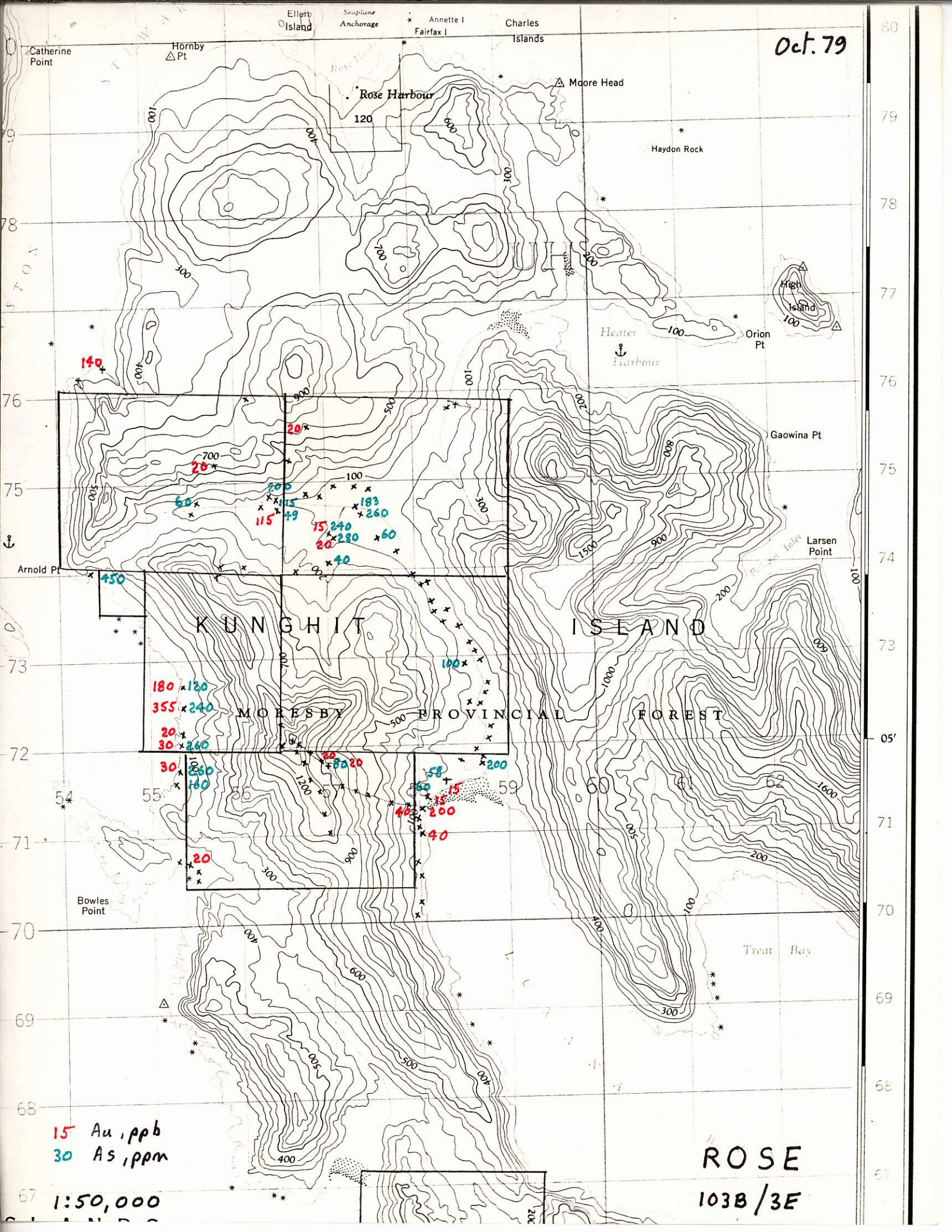
Abundant epidote & shearing

pillow facies

- Andesite, massive
- Migmatitic /schistose (volcanic?)
- Kunga
- Karmutsen

ROSE  
103B/3E  
1:50,000.

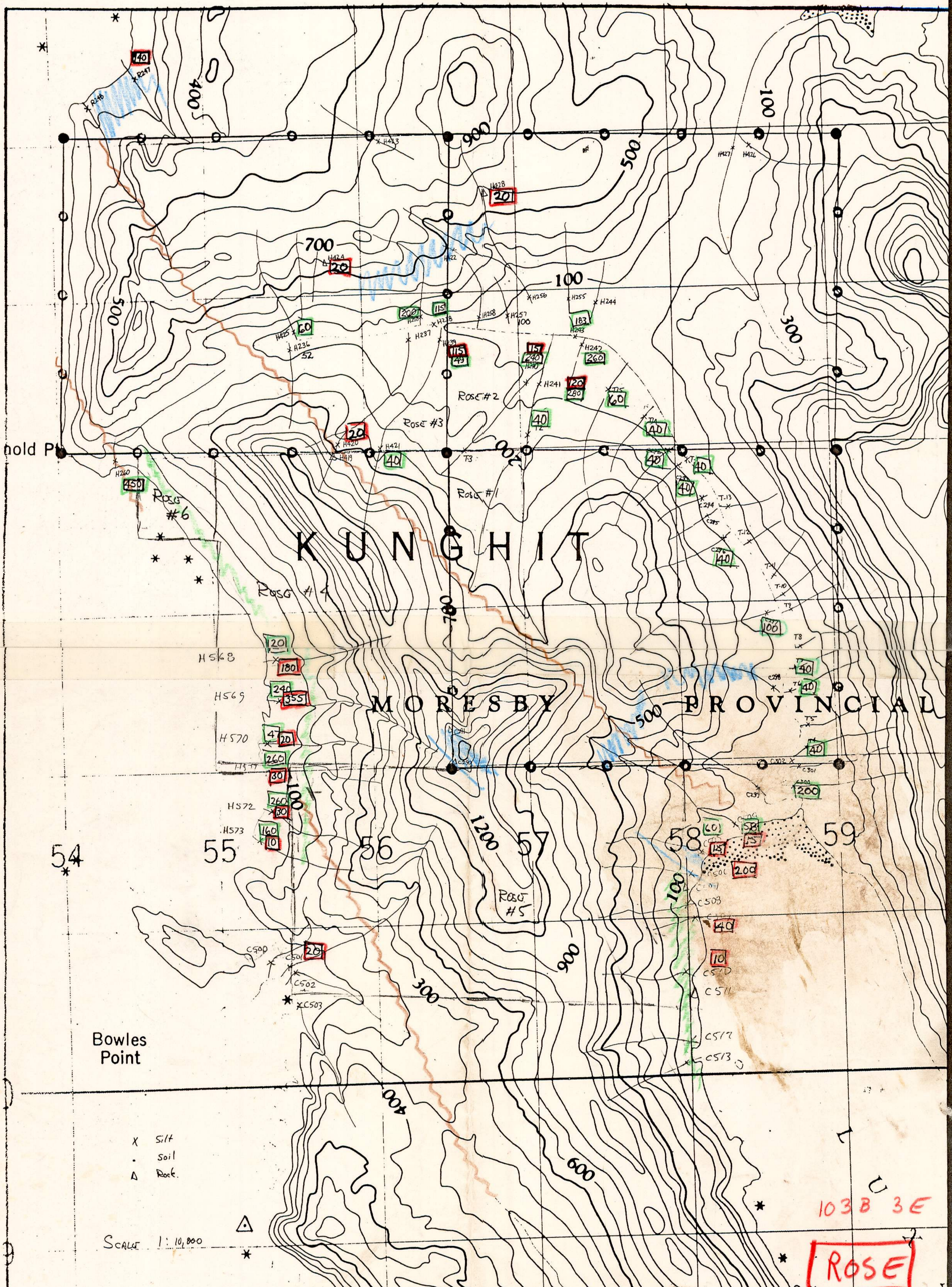
Oct. 79



15 Au, ppb  
 30 As, ppm

1:50,000

ROSE  
 103B/3E



old Pt

KUNGHIT

Moresby PROVINCIAL

Bowles Point

- X Silt
- . Soil
- Δ Rock

SCALE 1:10,000

103B 3E

ROSE

