

TITAN PROJECTUR Group - Poli Creek Spring Soil Sampling GridReasons for Present Investigations:

During the course of the reconnaissance stream sediment sampling of Poli Creek, a spring was discovered issuing from the creek bed. The spring waters contained a considerable proportion of light grey silt and the creek boulders were iron-stained for almost 100 feet downstream. Heavy metal (Cx) determinations run on this spring sediment produced the highest degree of dithizone colouration (strong pink) found anywhere in the reconnaissance programme. The possibility that this spring was in some way related to a mineralized structure could not be overlooked. This possibility combined with the close proximity of massive quartzite, was thought to be more than sufficient reason for a semi-detailed soil sampling grid over the area immediately to the north-northeast and south-southwest of the spring.

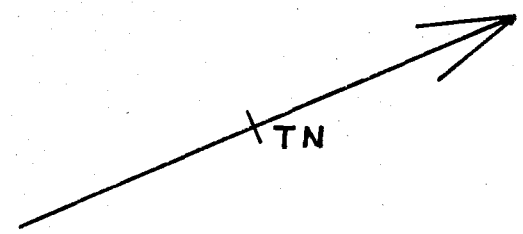
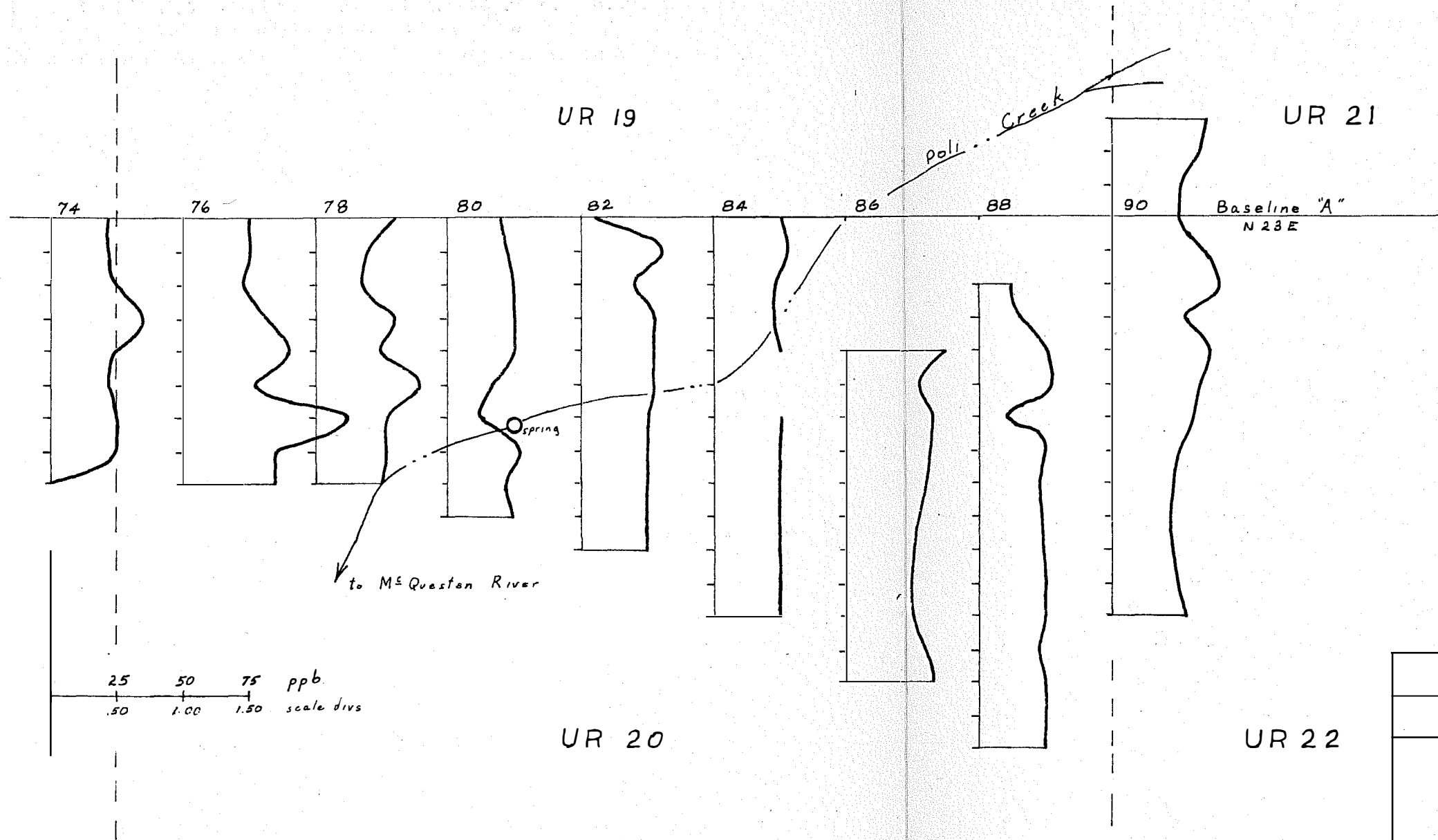
Results:

The mercury profiles drawn from the corrected detector results are rather disappointing, especially over the northern section of the grid. However, line 76 and, to a lesser extent, line 78 do show mercury peaks that may hold some promise. The strike of a zone crossing those lines at 3+00 and 2+50, respectively, would be approximately N10°E.

Conclusions and Recommendations:

The depth of the overburden is not great in this area, and the width of a mercury vapour aureole from a 5-foot mineralized zone would not be expected to be very much wider than the zone itself. In any case, additional sampling at a 10 or 20-foot interval is recommended for the eastern halves of lines 75 and 77. A bulldozer might well be the answer in this area although steepness of slope would present some difficulty.

David L. Seymour:jhw
Vancouver, B.C.
October 16, 1963



**SILVER TITAN PROJECT
MAYO, YUKON**

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Poli Creek Spring Area
SOIL SAMPLE GRID
LOCATION
and
MERCURY DETECTOR PROFILES

Sampled by	TS, HB, MOH/DLS
Analyzed by	DLS / MOH
Compiled by	DLS / MOH
Drafted by	MOH
Date	October 16, 1963

Legend

Creek ———→

Hg Profile

Claim Boundary - - - - -