ADDENDUM TO
GEOLOGICAL REPORT ON THE
STUMP LAKE PROPERTY
NICOLA MINING DISTRICT, B.C.
for
JUNIPER MINES LTD. (N.P.L.)

Frederica Shnay
Geologist

Vancouver, B.C.
October 2, 1975

AGILIS ENGINEERING LTD.
CONSULTING ENGINEERS & GEOLOGISTS
107-325 HOWE STREET, VANCOUVER, B.C. V6C 1Z7

T A B L E O F C O N T E N T S

ADDENDUM TO
GEOLOGICAL REPORT
on the
STUMP LAKE PROPERTY
NICOLA MINING DISTRICT, B.C.

INTRODUCTION

This is an addendum report to Geological Report on the Stump Lake Property dated August 1975 by F. Shnay.

Geochemical maps and assay reports are also affixed to this report.

ADDENDUM GEOCHEMISTRY

General

The Azela Claim is located in a narrow (600-700' wide) valley bounded by two ridges. Thick drift covers part of the area as evidenced by the growth of poplar trees. The only exposures of greenstone were found on the eastern boundary. Two buildings and the ruins of two other buildings are located on the property. An inclined shaft now water-filled is in the centre of the claim. The area of the dump is small but abundant sulfides are found here. The only vein exposure is found in the altered greenstone near the surface of the inclined shaft. Access to the claim is provided by either of two roads which branch off from the Peter Hope Lake Road.

Field Procedures

A geochemical soil survey was conducted within the boundaries of the Azela Claim on August 1, 1975. The area was detail-sampled along 100 foot lines, 100 foot stations. All lines were established by chain and compass and marked by flagging. Samples were taken with a prospector's hammer from the soil horizon immediately underlying the humus layers (about six inches below the soil surface). Sample descriptions regarding soil type and vegetation were all the same: that is well drained sandy soil with grasses vegetation covering.

A total of 37 samples were taken within the approximate boundary of the Azela Claim.

Geochemical Testing

All samples were analysed for both total gold and silver by Chemex Labs Ltd. of North Vancouver. Analysis was by atomic absorption giving results for silver in parts per million (ppm) and for gold in parts per billion (ppb).

Survey Results

Geochemical values have been plotted at a scale of 1 inch = 100 ft. All samples have been assayed for gold and silver.

The results show that the background for silver is less than 0.5 parts per million (ppm) and for gold less than 15 parts per billion (ppb) in the area.

A sample taken directly from the soils overlying the vein at 0+00 NW 0+00 SE assayed 12 ppm silver and 375 ppb gold. From this it is apparent that the vein structure on the Azela Claim is anomalous in gold and silver and that the sampling spacing was too wide to outline the vein structure using these two metals.

The use of arsenic or copper-zinc, which are known to be associated with the gold mineralization would have been better tracer metals because of their higher solubility and, hence, wider dispersion pattern.

Conclusions:

The results of the geochemical survey are inconclusive.

Respectfully submitted,

Frederica Shnay

Frederica Shnay
Geologist

Vancouver, B.C.
October 2, 1975

CERTIFICATION

I, Ferdinand Holcapek of 92-10842 152nd Street, Surrey, British Columbia, do hereby certify that:

1. I am a graduate of the University of British Columbia, with a Bachelor of Science Degree in Geology, 1969.
2. Since graduation I have been engaged in mining exploration in British Columbia, Yukon Territory, Northwest Territories, Quebec, Nevada, Arizona, Mexico and Australia.
3. I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia, the Geological Association of Canada and the Society of Exploration Geophysists.
4. The writer has supervised the initial phase of the exploration program completed in 1974 and is familiar with the followup program completed during July 1975.

F. Holcapek, P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

Vancouver, B.C.
October 2, 1975

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 36146

TO: Aqilis Engineering Ltd.
#107 - 325 Howe St.
Vancouver, B.C.

INVOICE NO. 15282

RECEIVED Sept.22/75

ANALYSED Sept.26/75

ATTN: Mr. Philp

SAMPLE NO. :	PPM Silver	PPB Gold
Origin	12	375
00 + 1SE	<0.5	<15
2SE	<0.5	<15
1NW	<0.5	<15
2	<0.5	<15
00 + 3NW	<0.5	<15
LSW + 00	<0.5	<15
1SE	<0.5	<15
2	<0.5	<15
3SE	<0.5	<15
1SW + 1NW	<0.5	<15
2SW + 00	<0.5	<15
1SE	<0.5	<15
2	<0.5	<15
3	<0.5	<15
4SE	<0.5	<15
2SW + 1NW	<0.5	<15
3SW + 1SE	<0.5	<15
2	<0.5	<15
3SW 3SE	<0.5	<15
1NE	<0.5	<15
2	<0.5	<15
3NE	<0.5	<15
1NE + 1NW	<0.5	<15
2	<0.5	<15
3	<0.5	<15
4NW	<0.5	<15
1NE + 1SE	<0.5	<15
2NE + 2NW	<0.5	<15
3	<0.5	<15
2NE + 4NW	<0.5	<15
3NE + 1NW A	<0.51	<15
1 B	<0.5	<15
2	<0.5	<15
3	<0.5	<15
4	<0.5	<15
3NE + 5NW	<0.5	<15

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY:

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
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CERTIFICATE OF ANALYSIS

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INVOICE NO. 15281

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ANALYSED Sept.26/75

TO: Agilis Engineering Ltd.
#107 - 325 Howe St.
Vancouver, B.C.

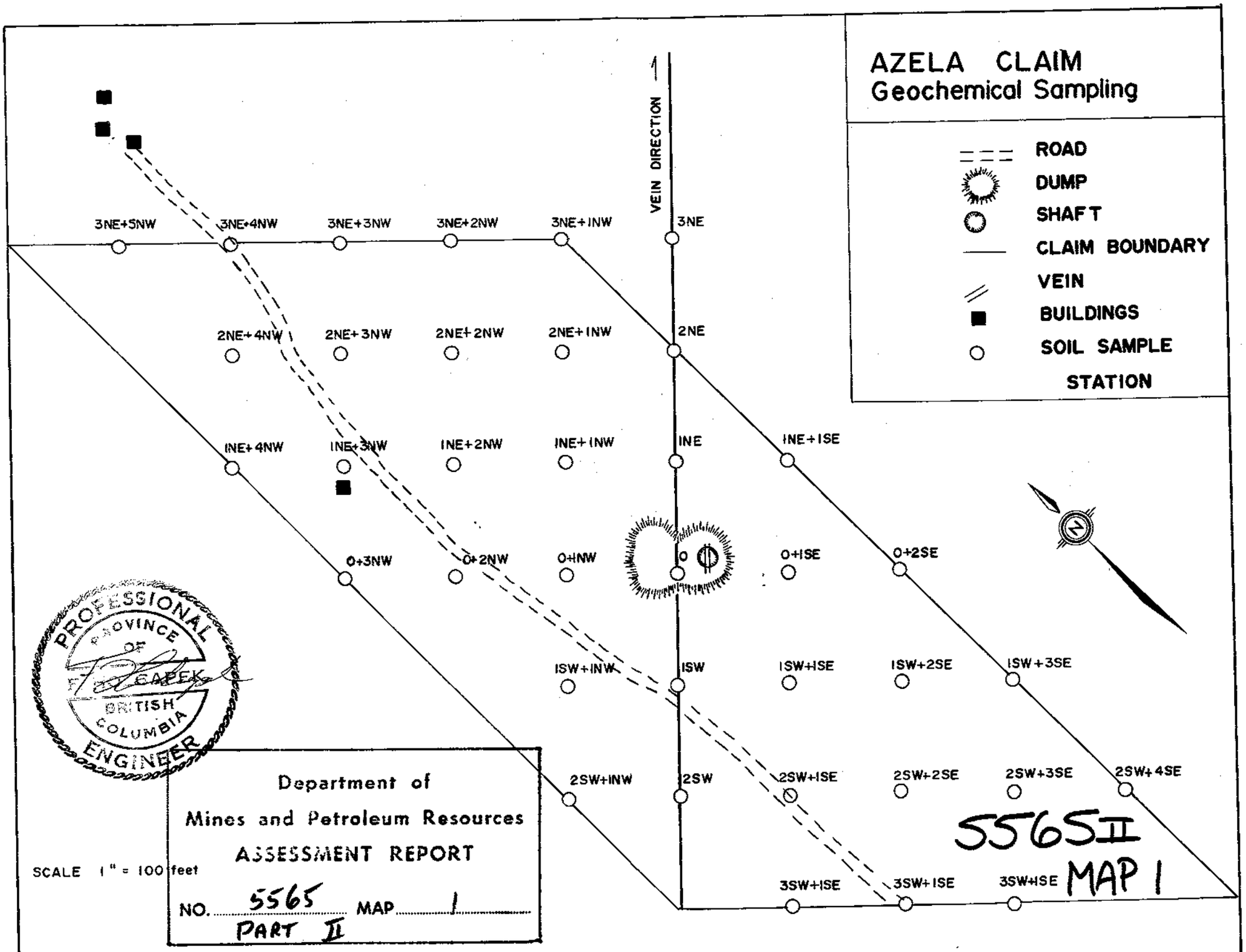
ATTN: Mr. R. Philp

SAMPLE NO. :	PPM Silver	PPB Gold	ROCK
Azela Dump	>100	1950	

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

AZELA CLAIM
Geochemical Sampling



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. J. LEAREK

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5565 MAP 1
PART II

SCALE 1" = 100 feet

5565 II
MAP 1

JUNIPER MINES LTD (NPL) : STUMP LAKE PROPERTY
NICOLA MINING DIVISION

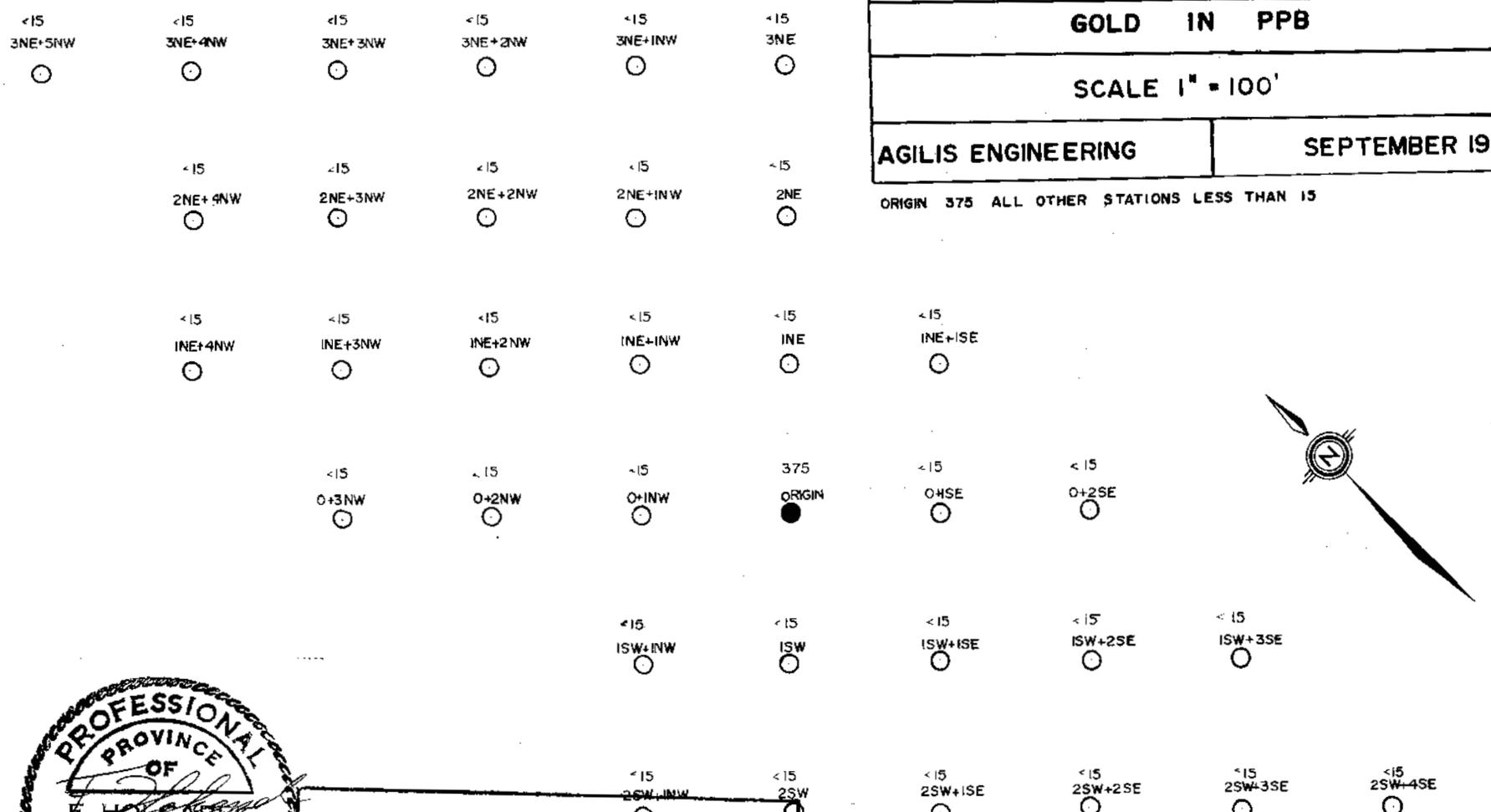
AZELA CLAIM
GEOCHEMICAL SOIL SAMPLING

GOLD IN PPB

SCALE 1" = 100'

AGILIS ENGINEERING | SEPTEMBER 1975

ORIGIN 375 ALL OTHER STATIONS LESS THAN 15



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5565 MAP 2
PART II

5565 II
MAP 2

JUNIPER MINES LTD (NPL): STUMP LAKE PROPERTY

NICOLA MINING DIVISION

AZELA CLAIM

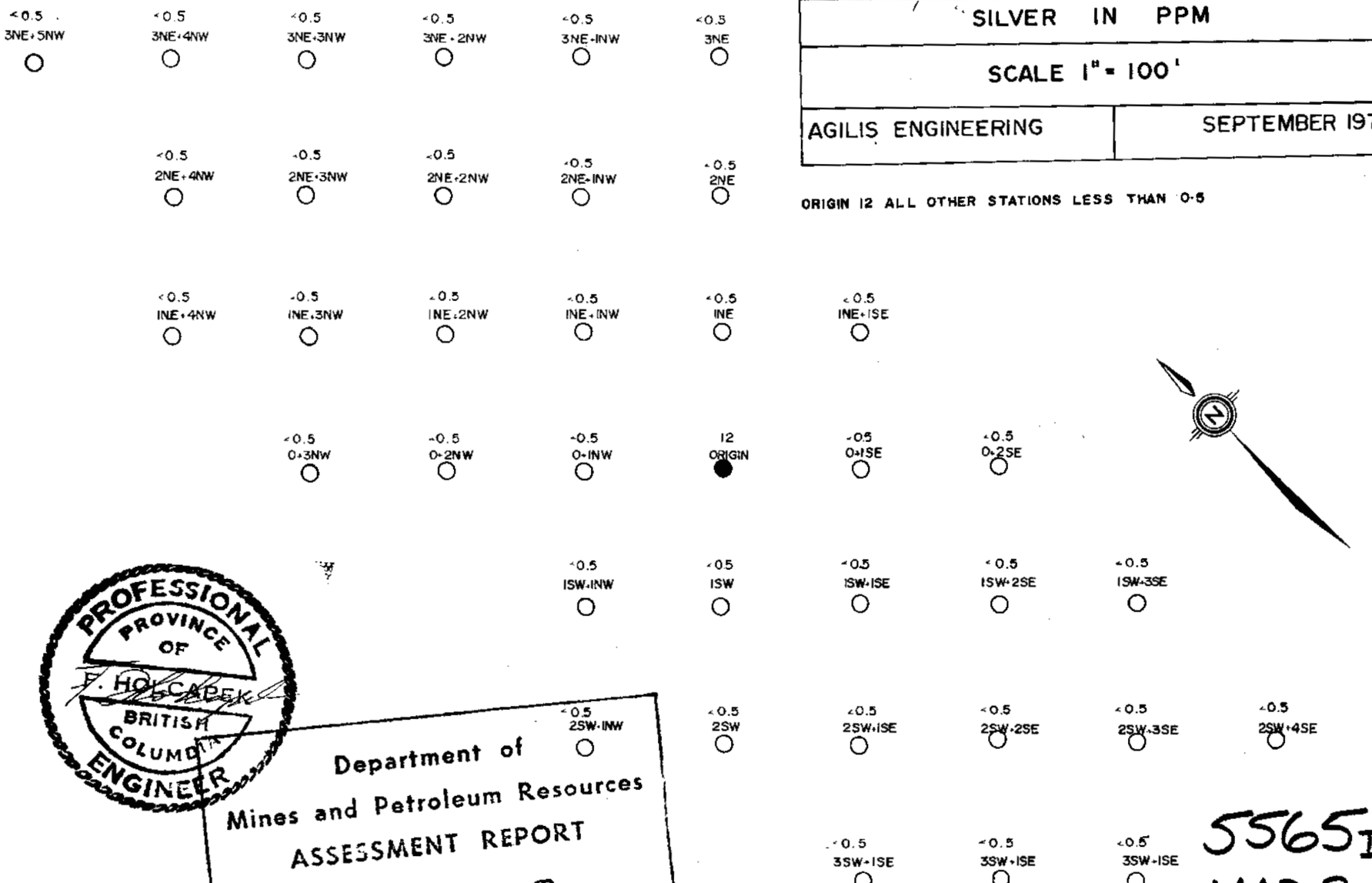
GEOCHEMICAL SOIL SAMPLING

SILVER IN PPM

SCALE 1" = 100'

AGILIS ENGINEERING | SEPTEMBER 1975

ORIGIN 12 ALL OTHER STATIONS LESS THAN 0·5



5565 II
MAP 3