

3941

Geochemical Survey Report
on the
KUN AND WIN CLAIMS,
for
CONCORDE EXPLORATIONS LTD. (N.P.L.)

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2941 N.P.

Agilis Exploration Services Ltd.

March 26, 1971

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MAPS

Scale

Frequency distribution plot of
geochemical data

X1 Claim Map	1 inch = 3000 feet
A2 Base Map	1 inch = 200 feet
X3 Geochemical Survey	1 inch = 200 feet

Geochemical Survey Report
on the
Kon and Win Claims,
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Introduction:

The Kon and Win claims comprise a group of 41 contiguous mineral claims lying 9 miles westerly from Kamloops, British Columbia. Staked in early 1969, the claims were explored by geological, geochemical and magnetometer surveys during 1969. During 1970 the geochemical survey was extended over the easternmost portion of the group where earlier sampling on a few reconnaissance lines had indicated anomalous values were present.

Field work was conducted by personnel of Direct Development Ltd.; the writer has plotted and assessed the results of the survey.

General:

The property lies approximately 9 miles west-southwest of Kamloops, British Columbia, south of Highway #1. Co-ordinates near the center of the group are 120° 34' west longitude, 50° 39½' north latitude. Access from Highway #1 is by various dirt and gravel roads that traverse the property.

Topographic relief is low to moderate, with elevations ranging between approximately 1800 and 2500 feet above sea level. Climate is semi-arid; snow is present during the winter months. Pine, fir and spruce trees occur throughout most of the property.

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Property:

The property consists of the following 41 mineral claims located in the Kamloops Mining Division of British Columbia.

<u>Claim</u>	<u>Record Number</u>
Kon 1 - 10	76136 - 76145
Win 1 - 22	76146 - 76167
Zip 1	76170
Zip 2	79223
Ken 1 - 6	79224 - 79229

The survey was conducted over all, or portions, of claims Win 15 - 20, Ken 4 - 6.

Geology:

The property lies southwest of the Iron Mask Batholith, a complex intrusive mainly intermediate in composition with occasionally more basic phases. Numerous copper deposits are associated with this intrusive.

Pre-intrusive Nicola Group volcanic rocks - mainly andesitic - occupy the southwestern portion of the claim group in the vicinity of Ned Roberts Lake, while the remainder of the claims is believed underlain by post-intrusive Kamloops Group volcanics. These likely cap the contact between the Nicola Group volcanics and the Iron Mask intrusives in this area.

In general, outcrop is very sparse, especially in the areas underlain by Kamloops Group volcanics.

Bedding and foliation within the Nicola Group volcanics are generally west to northwest. Main jointing directions are north to north 20° east and vertical, and parallel to the bedding.

Geochemical Survey:

The 1970 survey was conducted over the easternmost portion of the property where a few reconnaissance lines spaced 1200 feet apart had been sampled during 1969. Samples were collected at 100 foot intervals on north-south lines spaced 200 feet apart.

Field Procedure:

Samples were collected by means of an auger and taken from the soil horizon immediately underlying the surface humous layer. At each sample location information regarding soil type, depth, topographic slope, vegetation and any other pertinent data was noted, to be used later in interpreting the results. A total of 12 line-miles were sampled.

Geochemical Testing:

Samples were packaged in Kraft envelopes and sent to Chemex Labs Ltd. of North Vancouver for testing. After being dried in an electric oven and screened to -80 mesh the samples were analyzed for total copper content. Analysis was by atomic absorption after digestion in a perchloric - nitric acid mixture.

Interpretation of Results:

Background and anomalous ranges for copper were established by statistical analysis. Copper values were grouped at 20 ppm intervals then the percent frequency and accumulated percent frequency calculated and plotted on arithmetic probability paper. This shows background to range up to 80 ppm, a mixed zone of background and possibly anomalous values between 80 and 114 ppm and values in excess of 114 ppm to be anomalous.

Previous sampling on lines 60 + 00E, 72 + 00E and 84 + 00E had returned anomalous values and had indicated a slightly lower background, with values in excess of 90 ppm copper being anomalous.

During the recent survey no strongly anomalous areas were outlined, the highest reading obtained being 189 ppm copper near the south end of line 86 + 00E. However, anomalous values here extend across only 2 lines and Kamloops Group volcanics outcrop within the area.

Weakly anomalous values occupy a west-northwest trending zone centered at 78 + 00E, 6 + 00N, extending between lines 74 + 00E and 82 + 00E. Rhyolite and dolerite outcrop to the immediate southwest. No copper mineralization was noted in these rocks which have been mapped as belonging to the Kamloops Group volcanics.

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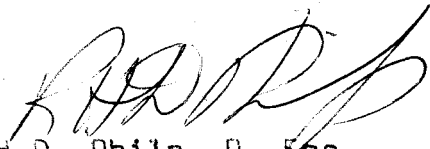
Values slightly in excess of 100 ppm copper, or within the mixed zone, occur in the easternmost part of the grid on lines 88 + 00E to 94 + 00E. Rhyolites and tuffs also outcrop within a portion of this area, although no copper mineralization has been noted. A northeasterly trending weak anomaly centered at 90 + 00E, 1 + 00N coincides with a similarly trending magnetic high.

Conclusions and Recommendations:

The geochemical survey in the eastern portion of the Kon and Win Group failed to outline any areas strongly anomalous for copper. A few weakly anomalous areas exist but are in close proximity to Kamloops Group volcanics and are not believed to represent significant concentrations of copper mineralization in the underlying bedrock. No copper mineralization has been noted in the outcrops in this area.

Future work should be concentrated in investigating the anomalous areas to the west, outlined during the 1969 surveys, as recommended previously by Mr. F. Holcapek in a report dated February 22, 1970.

Respectfully Submitted,



R.H.D. Philp, P. Eng.

99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01

CONCORDE EXPLORATIONS LTD

Kon + Min Group

Geochemical Survey

Copper - frequency distribution plot

Copper Range (ppm)

140

120

100

80

60

40

20

114 ppm

80 ppm

March, 1971

RP

0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99

Cumulative Percent Frequency

FINAL Post WIN 23, WIN 24.

WIN 23 988207	WIN 24 988608
KON 9 969703	KON 10 969704
KON 7 969701	KON 8 969702

F.P. WIN 9, WIN 10

TRUE NORTH

KON 5 399	KON 6 400	WIN 9 969725	WIN 10 969724
KON 3 397	KON 4 398	WIN 7 969721	WIN 8 969722
KON 1 969375	KON 2 396	WIN 5 969719	WIN 6 969720

I.P. KON 1, KON 2

WIN 3 969717	WIN 4 969718
WIN 1 969715	WIN 2 969716

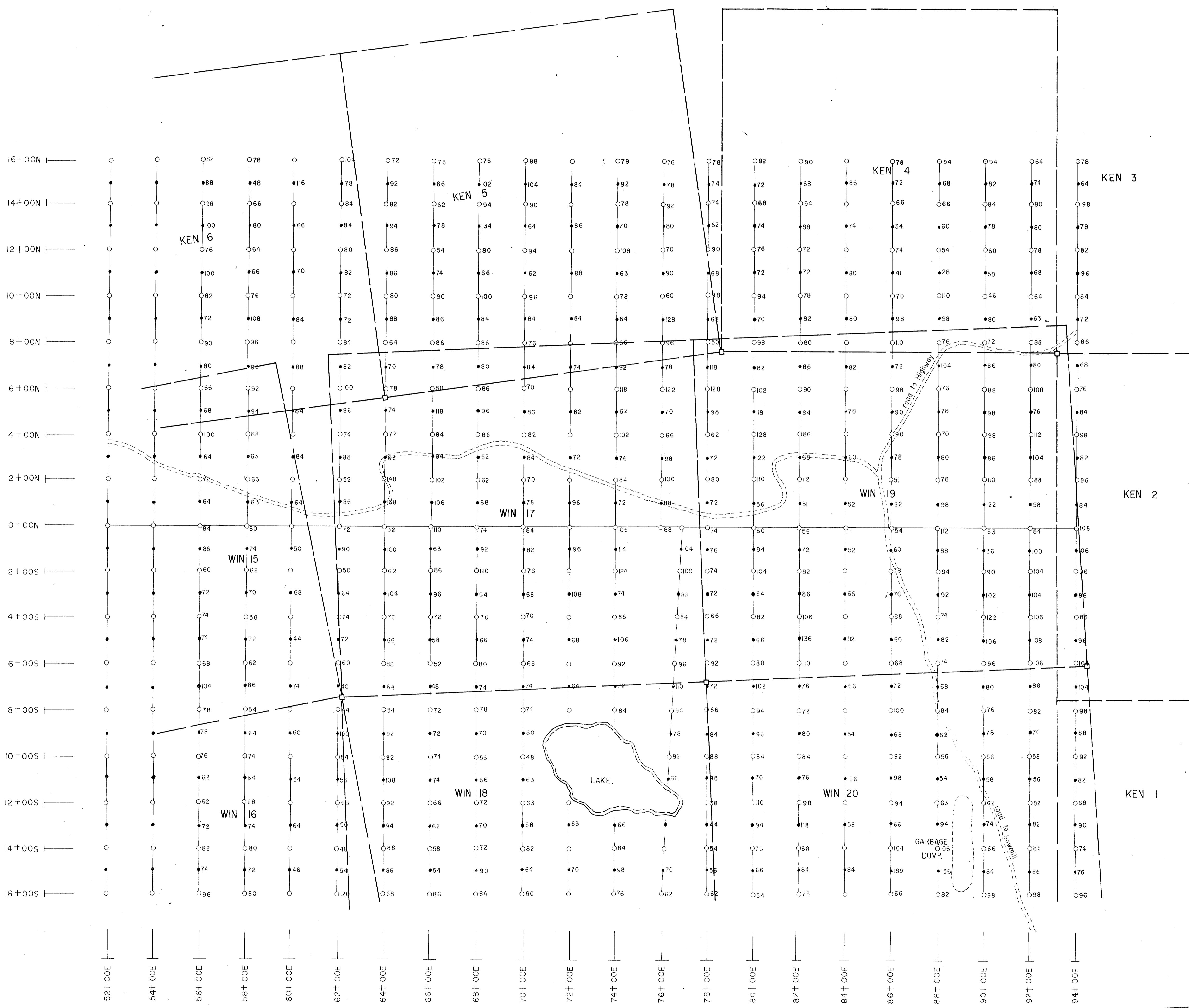
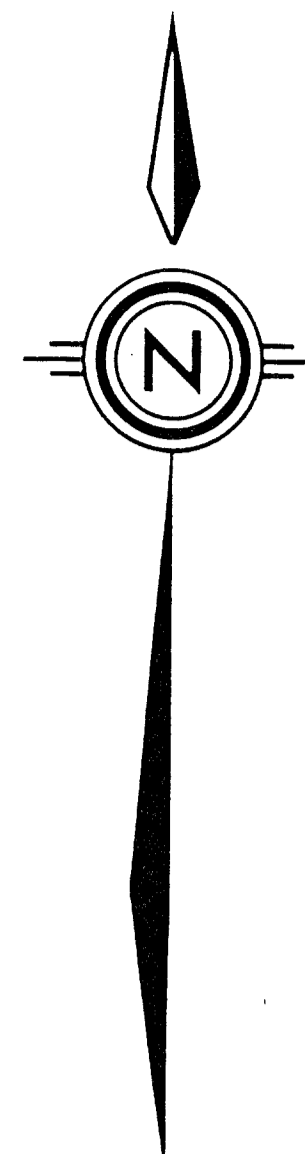
I.P. for WIN 1, WIN 2
ZIP 1

WIN 21 988607	WIN 22 988608	WIN 11 988609	WIN 12 988610	WIN 13 988611	WIN 14 988612	WIN 15 988613	WIN 16 988614	WIN 17 988615	WIN 18 988616	WIN 19 988617	WIN 20 988618
				KEN 6	KEN 5	KEN 4	KEN 3				
								F.P. WIN 19, WIN 20			

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SCALE: 1" = 3000 FT.

Cherry Creek



Legend

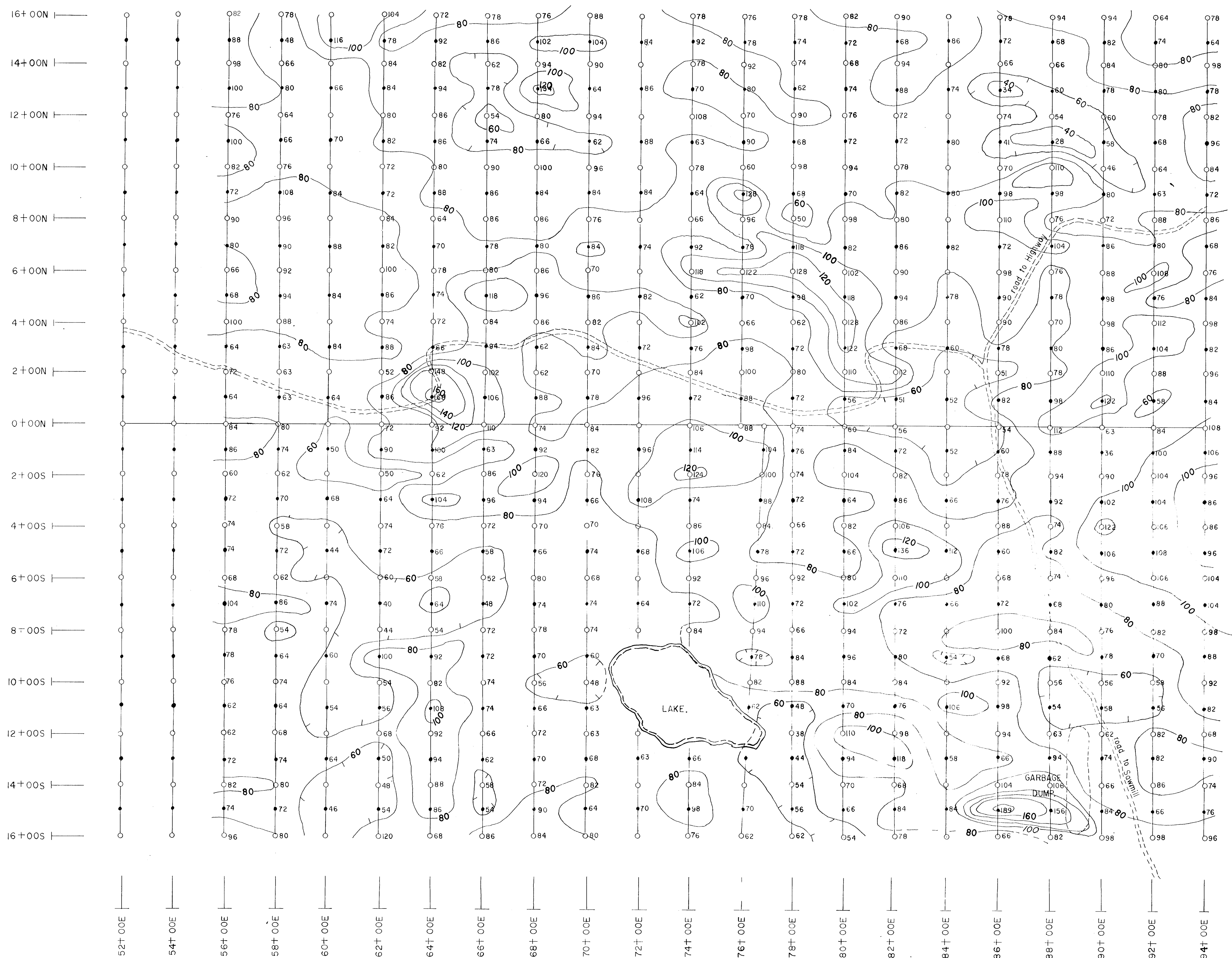
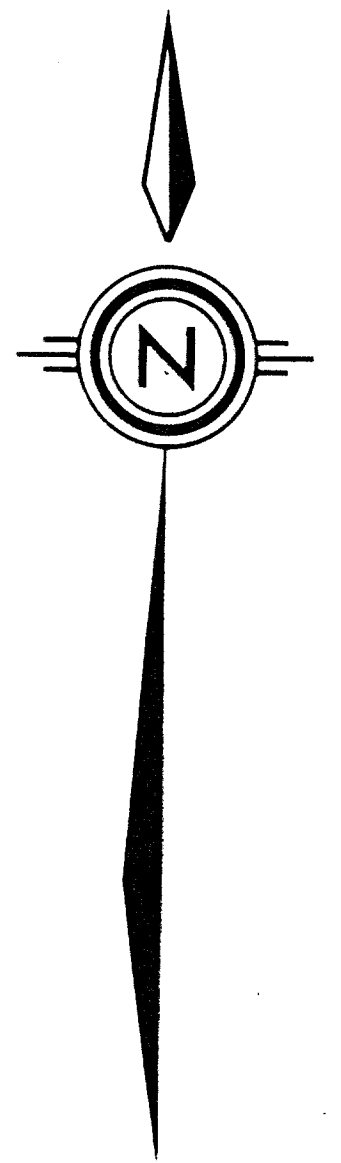
● 92 ○ 62 CUPPER VALUE in ppm.

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NO. 2941 MAP #2

AGLIS EXPLORATION SERVICES LTD.
CONCORDE EXPLORATIONS LTD. (N.P.L.)
KON & WIN GROUP (South East)
BASE MAP 8.
Geochemical Survey
DRAWN BY S.D. SCALE: 1" = 200'
CHECKED BY R.P. DATE: March, 1971



Legend

● 92 ● 62 COPPER VALUE in ppm.
— 60 — CONTOUR INTERVAL 20 ppm cu.

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M-3

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AGILIS EXPLORATION SERVICES LTD.	
CONCORDE EXPLORATIONS LTD. (N.P.L.)	
KON & WIN GROUP (South East)	
Contour Map.	
Geochemical Survey	
DRAWN BY S.D.	SCALE: 1" = 200'
CHECKED BY R.P.	DATE: March, 1971