

92 I/8W
Stump 1 claim
826698

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Jan. 21, 1990

Mr. Alex Davidson
c/o Minnova Inc.
311 Water Street, 4th Floor
Vancouver, B. C.
V6B 1B8

Dear Alex:

Enclosed is information on the Stump 1 claim as promised.

The drilling by Newconex was not recorded as assessment. I was not able to get the full drill report however I believe the sections enclosed show all pertinent data. I believe the report might be available from Paul Richardson (formerly Newconex).

Some of the old drill sites have been tied into our grid (as shown on the geochemical plan). I do not have any extra copies of our geochemical report, however the enclosed plan shows the geochemical work we've completed (full report available in assessment files).

I've enclosed a copy of our most recent assessment work (E.M. and Mag) by Werner Gruenwald. I. P. would be the ideal way to fully delineate the shear alteration zone. E.M. and Mag appear to have limited use.

What is not emphasized in our reports is the fact that this easterly shear alteration zone is very probably a Tertiary structure or at least re-activated in the Tertiary. I believe I can demonstrate this in the field. The outline of this shear alteration zone shown on our most recent plans is from field evidence and the drill hole data.

The amount of work completed on this claim group is very limited. Originally explored as a porphyry copper situation it has never undergone a systematic evaluation for associated precious metals. The shear alteration zone is a major structure. The easterly direction of the structure make it anomalous relative to other structures in the area.

Erratic values in gold indicate the system may have the potential to have precious metal enriched zones. The possibility of undetected northerly structures crosscutting this shear alteration zone has never been investigated. Tertiary structures in this area are usually in a northerly direction.

Alex I would appreciate it if you could return the enclosed report (only) when you are finished with it. The KEG is having a short seminar/meeting on March 28, 29th. If you are interested the property could probably be visited at that time. In fact judging by the amount of snow here in Kamloops perhaps even sooner.

Thank you,

Doug Leishman

Stump 1 Mineral Claim Shear Hosted Precious Metal Prospect

The Stump 1 Mineral Claim, consisting of 12 metric units (300 hectares) is located in easily accessible, rolling terrain approximately 35 kilometres south of Kamloops, B. C. The claims straddle the eastern shore of Napier Lake (NTS 921/8W, 50°25'N, 120°17'W). Work programs can be conducted year round.

Geologically the property is underlain by Upper Triassic Nicola volcanic rocks that outcrop as a "window" in Kamloops Group volcanics of Tertiary Age. A prominent gossan is closely associated with a strong east to west trending shear zone that has been traced up to 300 metres in width and at least 1,200 metres in length. Granitic intrusions of the Jurassic Wildhorse Batholith have been mapped on the northern part of the claim group.

The property lies 5 kilometres north of Stump Lake where the former Stump Lake Mine produced a limited amount of gold, silver, with base metals from north trending veins thought to be related to a major north trending fault system. Other prospects in the area (ie: Redbird) have the characteristics of epithermal vein systems (precious metal enriched).

A limited amount of percussion drilling (12 holes, 915 metres) completed in the early 1970's tested a large east-west trending siliceous and pyritic zone containing significant amounts of copper, zinc and in some instances gold. Reported intersections included 0.17% copper across 24.4 metres (73-P-8) and 48.8 metres grading 0.21% copper (73-P-11) located 335 metres to the northwest. Values to 230 ppb gold were reported from other holes that intersected the shear/alteration zone. Limited soil sampling by the present operators have detected erratic values in gold in soils associated with the altered shear zone (up to 315 ppb gold). VLF-EM surveys carried out in 1989 have outlined low magnitude conductors that appear to be associated with lithologic boundaries along the periphery of the shear zone. Although the owners have not completed a thorough geological evaluation of the property they have uncovered some evidence that the alteration zone is actually within Tertiary volcanics and not Triassic units as previously mapped.

The Stump 1 mineral claim has never undergone a serious evaluation for precious metal potential. A thin cover of overburden obscures surface exposures of the alteration zone over most of the claim group. There has never been a systematic soil sampling program for precious metals nor has any trenching been completed. Previous analytical/sampling procedures for gold has been of suspect quality.

A major, easterly trending shear/fault zone, with significant alteration (siliceous, sericitic, pyritic) and anomalous values in gold, copper and zinc has never undergone a systematic exploration program. The target is a bulk tonnage, shear hosted, gold-copper deposit. A **10 to 20 million tonne target** is feasible within the confines of the shear/alteration zone presently outlined.

The owners are seeking a partner to fund the further exploration and development of this property. Further information may be obtained from the owners.

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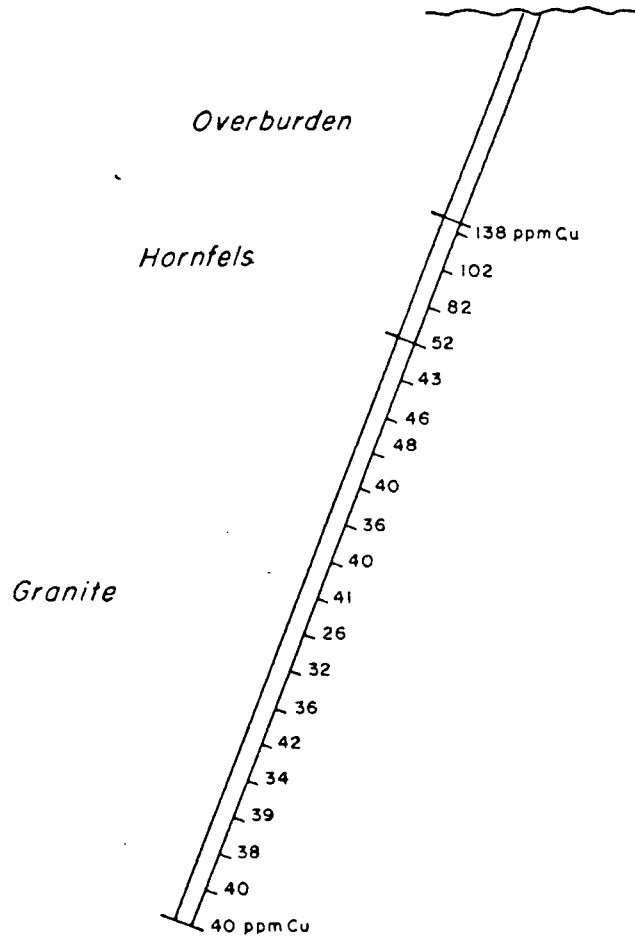
Phone 604-828-6150

Werner Gruenwald
Geoquest Consulting Ltd.
RR #3, Site 11, Comp 180
Vernon, B. C. V1T 6L6

Phone or Fax 604-549-5192

NORTH

SOUTH



NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE

73-P-1

Scale 1 inch = 50 feet

Core Size	Azimuth NORTH	Inclination -68°
Location L102E-7+35S	Date Started 10/5/73	Date Completed 10/5/73
Recovery	Logged by C M R	Drft. by A L M

To Accompany: *Napier Lake Drilling Report*

Author

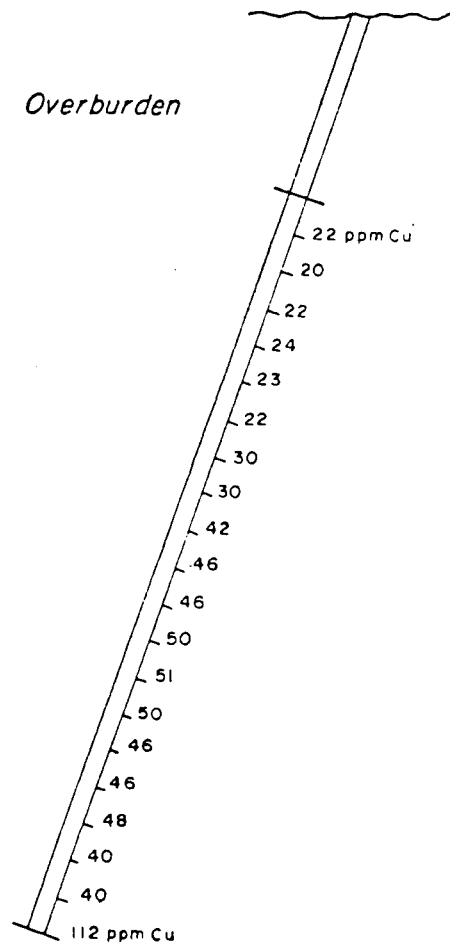
Date

NORTH

SOUTH

Overburden

Granite



NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE

73-P-2

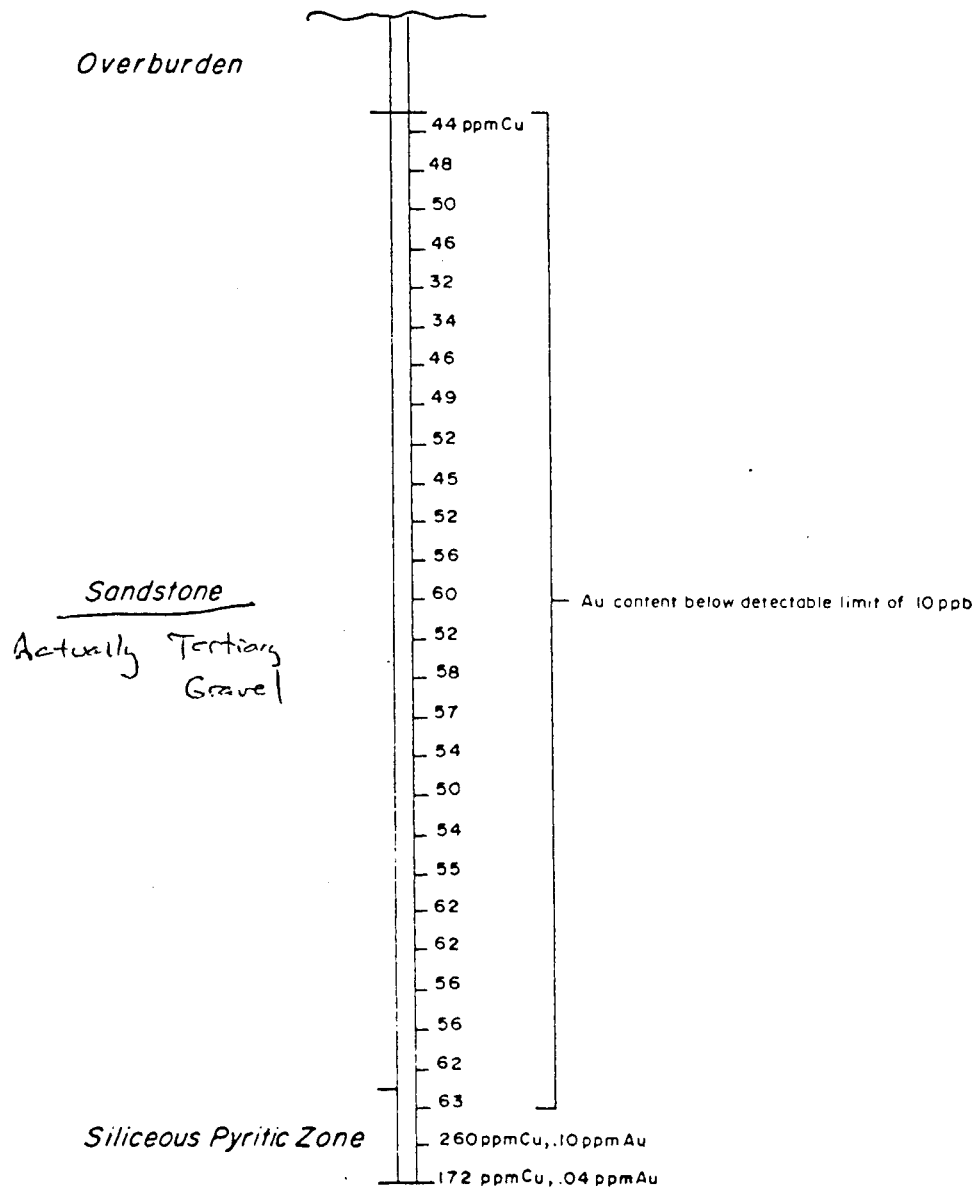
Scale
1 inch = 50 feet

Core Size	Azimuth NORTH	Inclination -70°
Location L 86E-8+00S	Date Started 10/9/73	Date Completed 10/9/73
Recovery	Logged by C.M.R.	Drft. by A.L.M.

To Accompany *Napier Lake Drilling Report*

Author

Date



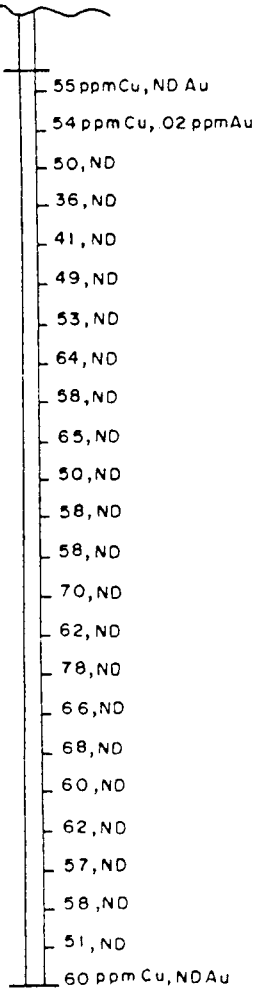
NEWCONEX CANADIAN EXPLORATION LTD.		
PERCUSSION HOLE		
73 - P - 3		
Scale 1 inch = 50 feet		
Core Size	Azimuth	Inclination 90°
Location L78E-10+00S	Date Started 10/9/73	Date Completed 10/9/73
Recovery	Logged by C M R	Drft by A.L.M
To Accompany <i>Napier Lake Drilling Report</i>		

NORTH

SOUTH

Overburden

Sandstone
Tertiary Gravel



ND - Au content below detectable limit of 10 ppb

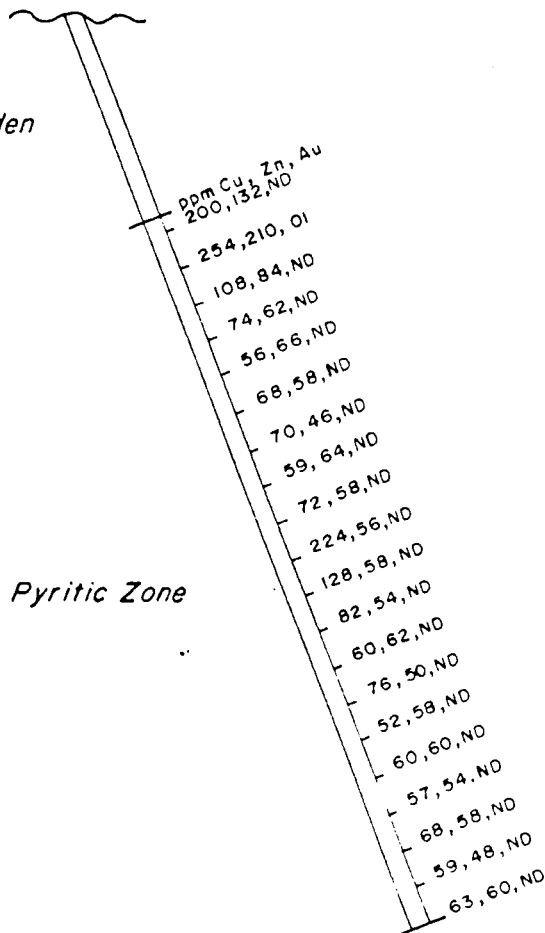
NEWCONEX CANADIAN EXPLORATION LTD.		
PERCUSSION HOLE		
73-P-4		
Scale		1 inch = 50 feet
Core Size	Azimuth	Inclination 90°
Location L75E-8+00S	Date Started 10/9/73	Date Completed 10/10/73
Recovery	Logged by C.M.R.	Drft. by A.L.M.
To Accompany <i>Napier Lake Drilling Report</i>		
Author	Date	

NORTH

SOUTH

Overburden

Siliceous Pyritic Zone



ND - Au content below detectable limit of 10ppb

NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE

73-P-5

Scale 1 inch = 50 feet

Core Size	Azimuth SOUTH	Inclination -70°
Location L 63E-7+00S	Date Started 10/10/73	Date Completed 10/11/73
Recovery	Logged by C.M.R.	Drft by A.L.M.

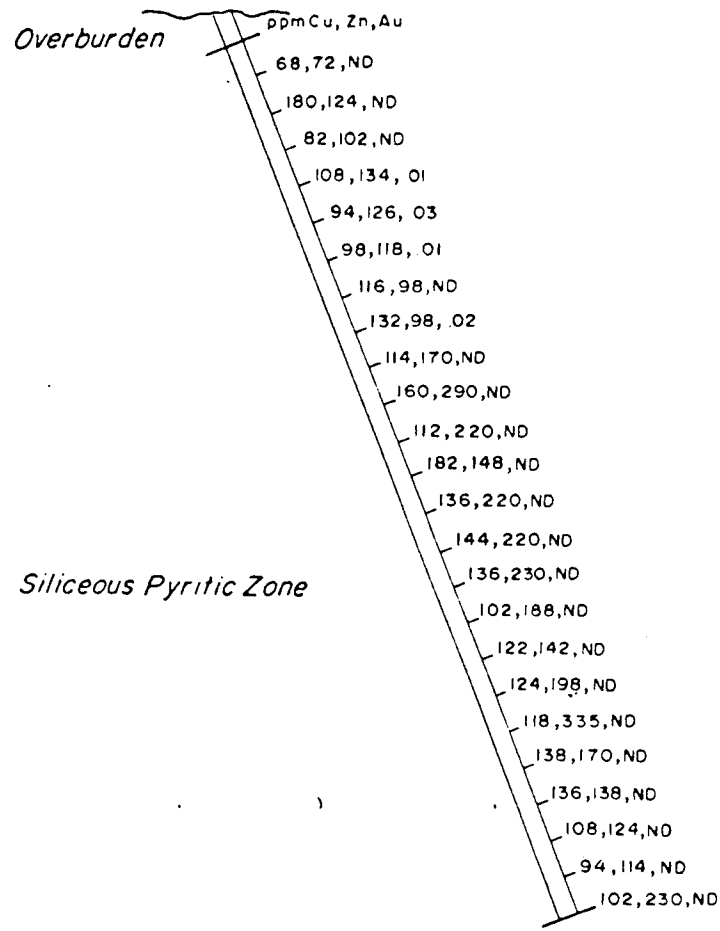
To Accompany *Napier Lake Drilling Report*

Author

Date

TH

SOUTH



ND - Au content below detectable limit of 10 ppb

WCONEX CANADIAN EXPLORATION LTD.		
PERCUSSION HOLE		
73-P-6		
Scale	1 inch = 50 feet	
Direction	Azimuth	Inclination
	SOUTH	-70°
Location	Date Started	Date Completed
-4+00S	11/11/73	11/11/73
Logged by	Drift. by	
C M R.	A.L.M.	
Company Napier Lake Drilling Report		
Date		

WITH

SOUTH

Overburden

Siliceous Pyritic Zone

ppm Cu, Zn, Au
134, 116, ND
614, 46, ND
136, 102, ND
138, 78, ND
238, 84, ND
350, 128, ND
284, 225, ND
362, 570, .02
116, 178, ND
108, 265, .01
112, 420, .02
128, 148, .01
314, 205, .01
142, 124, .01
166, 146, .01
150, 126, .01
128, 102, .01
134, 112, .01
154, 108, .01
236, 94, .02
192, 106, .01
172, 98, .01
128, 112, ND
134, 92, ND

ND - Au content below detectable limit of 10 ppb

NEWCONEX CANADIAN EXPLORATION LTD.		
PERCUSSION HOLE		
73-P-7		
Scale 1 inch = 50 feet		
Core Size	Azimuth	Inclination 90°
Location L 51E-4+00S	Date Started 12/12/73	Date Completed 12/12/73
Recovery	Logged by C M R	Drift by A L M.
To Accompany <i>Napier Lake Drilling Report</i>		

NORTH

SOUTH

Overburden

Siliceous Pyritic Zone

Cu%	Au oz /ton	Zn%
.05	.002	.04
.08	.004	.06
.09	.002	.13
.06	.002	.10
.07	.004	.38
.08	.002	.02
.09	.004	.04
.07	.002	
.06	.001	
.03	.001	
.03	.001	
.02	.001	
.02	.001	
.02	.001	
.08	.001	
.04	.001	
.04	.001	
.16	.002	
.22	.003	
.17	.002	
.15	.002	
.13	.001	
.28	.004	
.13	.002	
.13	.002	

Au content below detectable limit of 10 ppb

NEWCONEX CANADIAN EXPLORATION LTD.		
PERCUSSION HOLE		
73-P-8		
Scale	1 inch = 50 feet	
Core Size	Azimuth	Inclination 90°
Location L49+50E+8S	Date Started 10/12/73	Date Completed 10/13/73
Recovery	Logged by C M R	Drift by A L M
To Accompany Napier Lake Drilling Report		

NORTH

SOUTH

Overburden

Siliceous Pyritic Zone

ppm Cu, Zn, Au
925,325, 01

565,350, 01

515,770, .01

495,350, .01

475,225, 01

480, 230, ND

262, 200, .03

110, 134, .09

104, 166, .23

88, 158, .09

86, 156, 05

76, 158, 13

92, 154, ND

84, 132, ND

162, 205, ND

120, 192, ND

196, 840, 01

354, 870, .01

250, 340, .01

266, 235, .02

262, 210, 01

314, 250, 01

292, 1900, .02

ND - Au content below detectable limit of 10 ppb

NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE

73-P-9

Scale
1 inch = 50 feet

Core Size	Azimuth SOUTH	Inclination - 70°
Location L 43E-10+00S	Date Started 10/13/73	Date Completed 10/13/73
Recovery	Logged by C.M.R.	Drift by A.L.M.

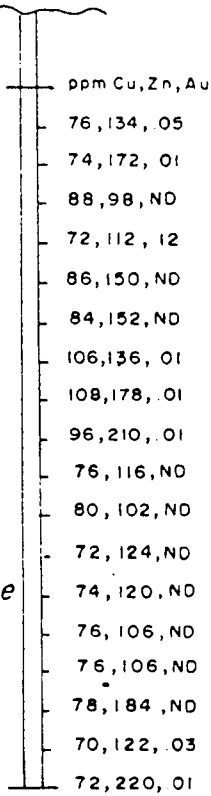
To Accompany *Napier Lake Drilling Report*

NORTH

SOUTH

Overburden

Siliceous Pyritic Zone



ND - Au content below detectable limit of 10 ppb

NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE

73-P-10

Scale 1 inch = 50 feet

Core Size	Azimuth	Inclination 90°
Location L 48E-17+00S	Date Started 10/14/73	Date Completed 10/15/73
Recovery	Logged by CMR	Drift by ALM

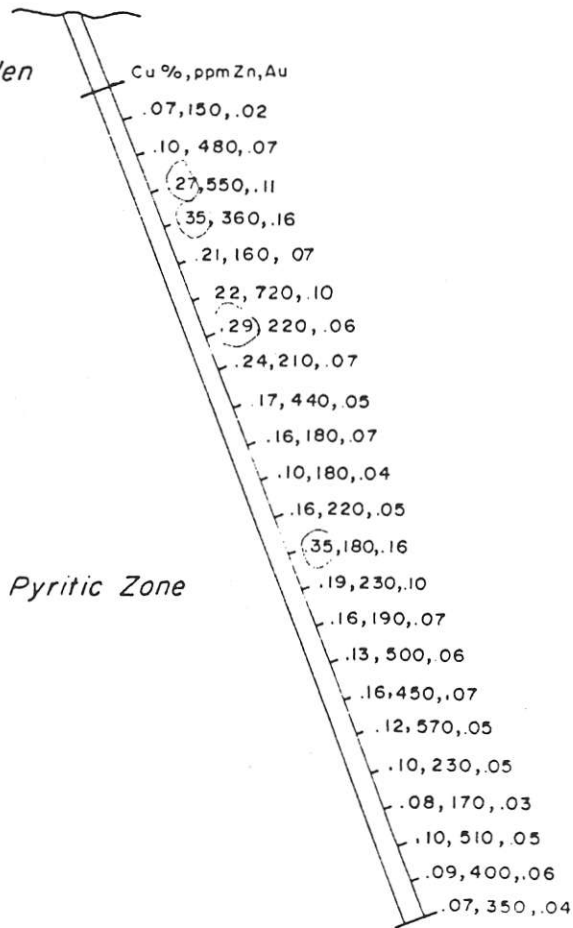
To Accompany *Napier Lake Drilling Report*

NORTH

SOUTH

Overburden

Siliceous Pyritic Zone



NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE

73-P-11

Scale 1 inch = 50 feet

Core Size	Azimuth SOUTH	Inclination -70°
Location L 39E-4+60S	Date Started 10/15/73	Date Completed 10/15/73
Recovery	Logged by C M R.	Drift by A.L.M.

To Accompany *Napier Lake Drilling Report*

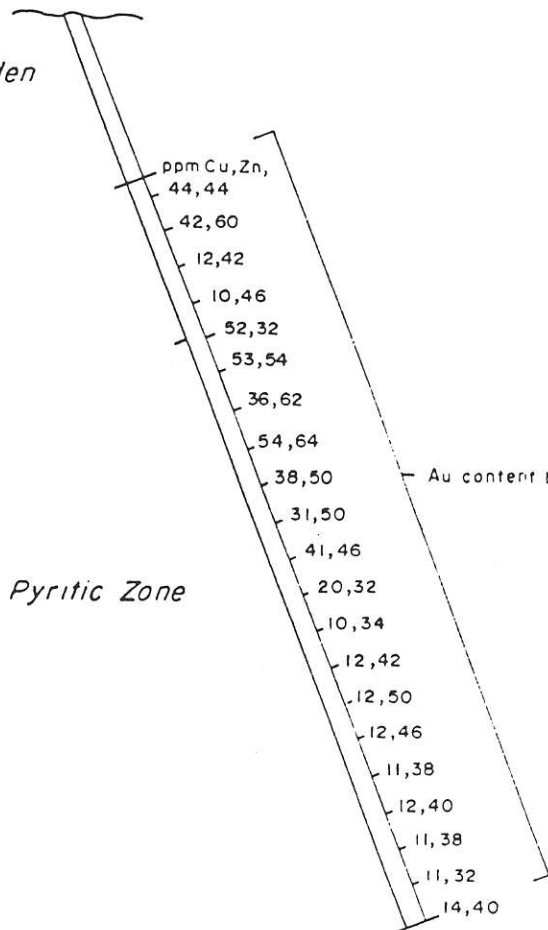
NORTH

SOUTH

Overburden

Hornfels

Siliceous Pyritic Zone



NEWCONEX CANADIAN EXPLORATION LTD.

PERCUSSION HOLE 73-P-12

Scale 1 inch = 50 feet

Core Size	Azimuth SOUTH	Inclination -70°
Location L 24E-3 +00N	Date Started 10/15/73	Date Completed 10/15/73
Recovery	Logged by C.M.R.	Drft by A.L.M.

To Accompany *Napier Lake Drilling Report*

GEOLOGY

Hornfelsed pyroclastic rocks of the Upper Triassic Nicola Group are the oldest rocks exposed on the property. These rocks have been intruded, along the northern edge of the property, by the Jurassic Wildhorse Batholith which has caused them to be hornfelsed. Contemporaneous to the intrusion of the batholith, an east-west fracture system developed, and was intruded by a dense siliceous rock containing from 1 to 10% fine-grained disseminated pyrite. Subsequent to its intrusion, shearing was again initiated along this zone. Presently the rock, ranging from a competent very fine-grained quartz diorite to a quartz sericite schist, occupies this east-west structure. Slabs of these various rocks, cut by a diamond saw, show that as the density of the fracture cleavages increase so does its schistosity. This suggests that the whole zone is of the same composition and the textural differences are due only to the intensity of shearing present.

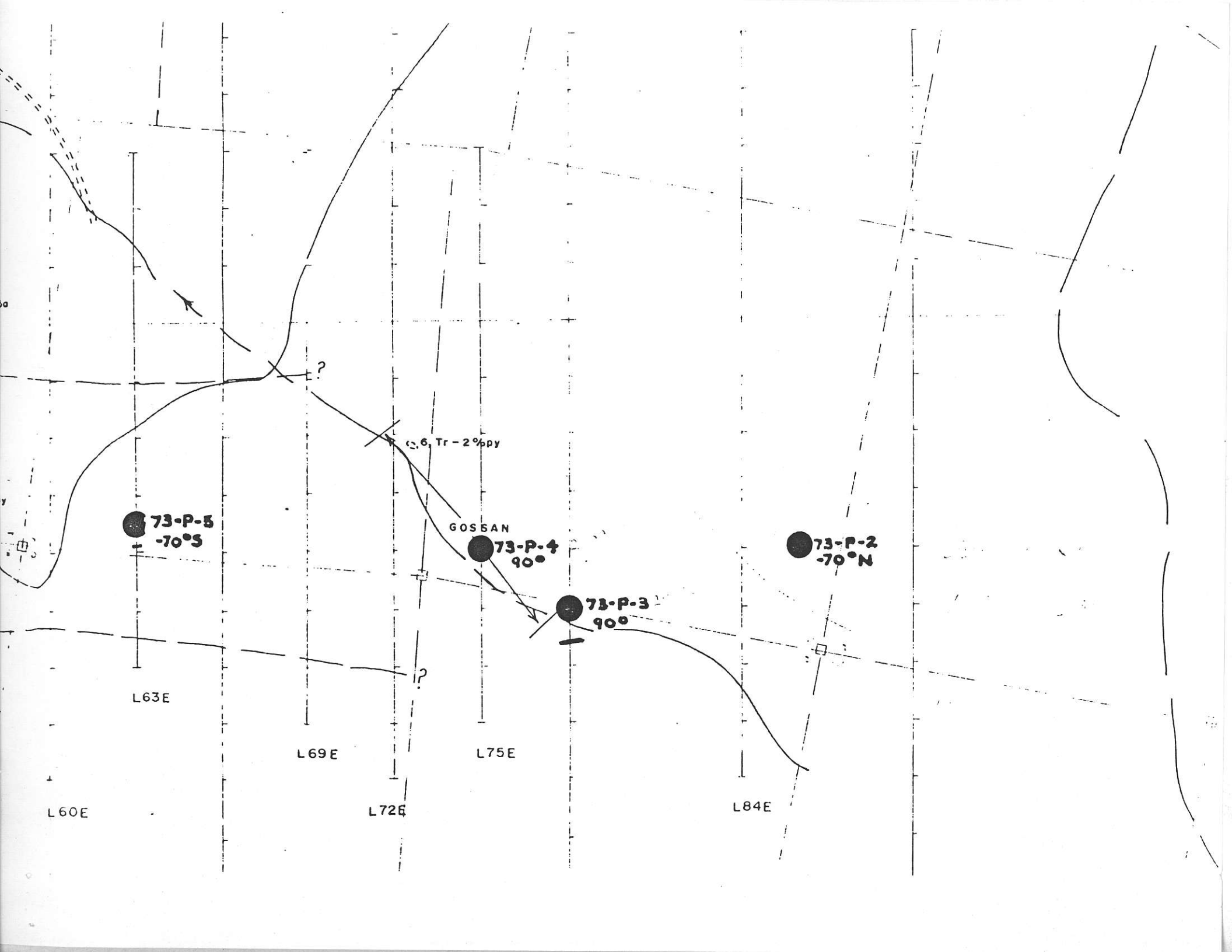
The siliceous pyritic zone is cut by easterly striking lamprophyre dykes which are probably related to late magmatic phases of the Wildhorse Batholith.

The Wildhorse Batholith consists of a gneissic coarse-grained granite that shows little discernible variation from one outcrop to another.

Rhyolitic to basaltic flows and pyroclastics of the Tertiary Kamloops Group unconformably overlie the Nicola

Group, the Wildhorse Batholith and its related rocks.

Napier Lake fills a relatively deep, narrow northerly trending depression which is an expression of a late or post Tertiary fault. Nicola Group rock exposures on the east side of Napier Lake suggest that this is the up-throw side.



73-P-5
-70°S

GOSBAN
73-P-4
90°

73-P-3
90°

73-P-2
-70°N

C. 6. Tr - 2%py

L63E

L69E

L75E

L84E

L60E

L72E