

ASSESSMENT REPORT

describing

PERCUSSION DRILLING

on the

PR CLAIM GROUP

by

P.W. Richardson, P.Eng.

for

NEWCONEX CANADIAN EXPLORATION LTD.

VANCOUVER, B.C.

September 27, 1977

93-A-12

*P. W. Richardson*

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INTRODUCTION

Soil samples moderately anomalous in copper were obtained in an area of pyritic volcanic rocks near the northern perimeter of a small, sparsely mineralized syenitic stock.

A program of percussion drilling was undertaken to test for the presence of a porphyry copper deposit.

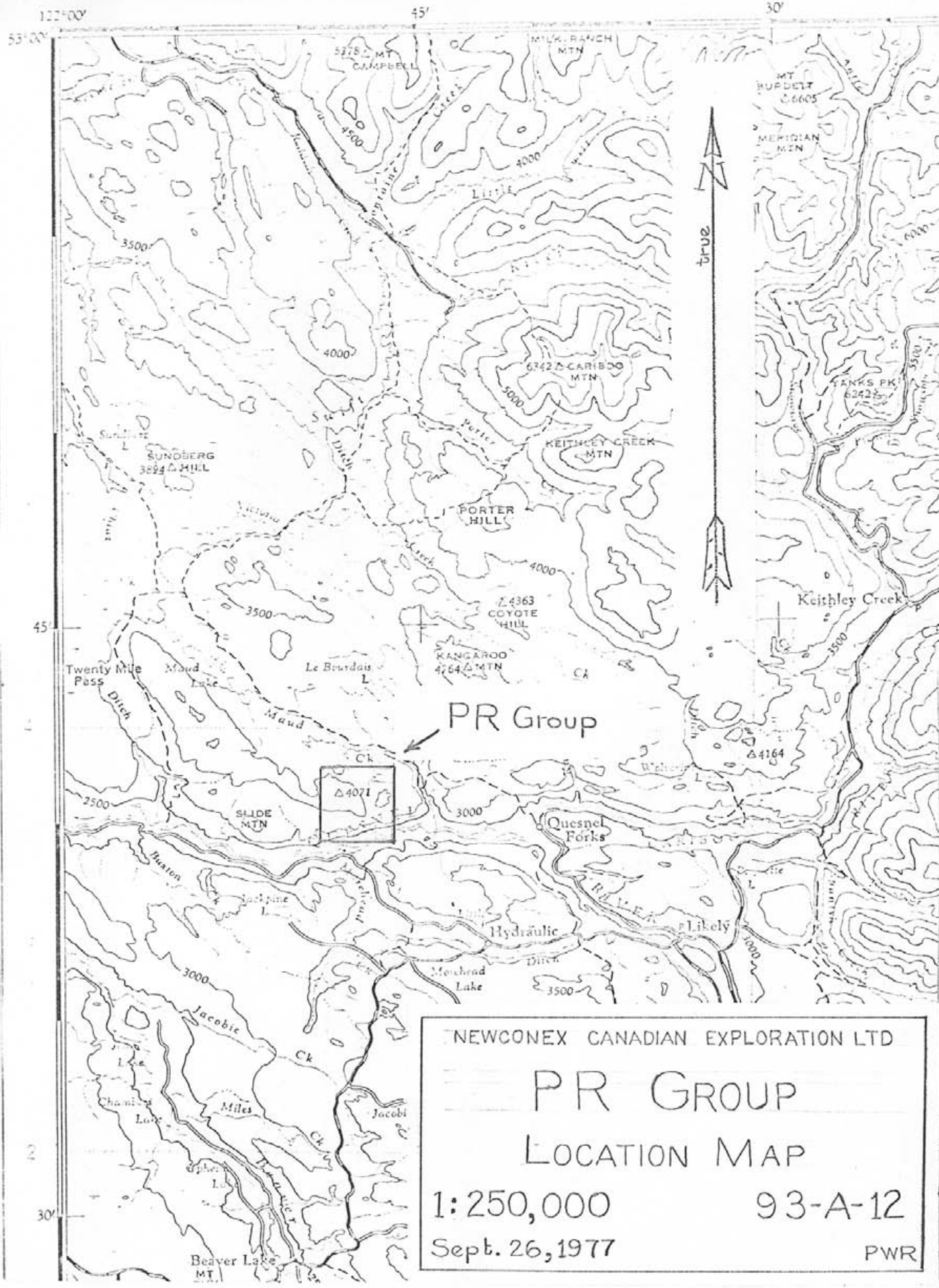
Twenty-five kilometres of access road leading to and on the property required refurbishing with a bulldozer after being washed out during the spring runoff.

LOCATION

The PR 2, 3, 4 and 5 Claims lie on the north side of the Quesnel River, approximately 54 kilometres southeast of Quesnel and 19 kilometres west of Likely. The property is on N.T.S. Sheet 93-A-12 at latitude 52°41'N, longitude 121°47'W.

ACCESS

A good quality dirt Forestry Road, 40 kilometres long, leading off Highway 26 nineteen kilometres east of Quesnel provides easy access to Nyland Lake. An extremely rough, muddy road, requiring a four-wheel-drive vehicle, leads south-south-easterly from Nyland Lake to the property, a distance of 25 kilometres. A round trip from Quesnel takes approximately eight hours.



NEWCONEX CANADIAN EXPLORATION LTD  
PR GROUP  
LOCATION MAP  
1:250,000 93-A-12  
Sept. 26, 1977 PWR

## PERCUSSION DRILLING

L & L Drilling and Exploration Ltd. of Cache Creek was awarded the contract. The drill crew was mobilized on August 15, 1977, and drilling began on August 20. Drilling was completed on September 1, and the drill was removed from the property the following day. A 3 5/8" bit, with a 2 1/4" inside diameter, was used for overburden drilling, and a 2" bit was used once bedrock had been reached.

The cuttings were split at the drill sites by a 1:8 HUMBLE electric splitter to yield approximately 5 pounds of sample for each 10 foot section. The cuttings pass from the drill casing into the splitter where two scoops mounted on opposite sides of a disc rotate at about 55 RPM. The scoops are designed to cut through the slurry without causing a splash. It takes approximately 8 minutes to drill 10 feet, therefore each 10 foot sample is composed of about 440 individual scoops. All samples were analyzed for copper.

## ASSAYING

The samples were analyzed by geochemical methods for copper by ACME ANALYTICAL LABORATORIES LTD. of Burnaby, B.C.

- Digestion - a 0.5 gram sample is digested using a hot leach of con. hydrochloric, nitric and perchloric acids.
- dilute to 100 ml in a volumetric flask with 10% HCl with .1% Al in solution.
- Determination - determination of Cu is by atomic absorption with Perkin-Elmer 305B.

SUMMARY OF PERCUSSION DRILLING RESULTS

A total of 2,700 feet, comprised of nine 300 feet deep holes, were drilled. No drilling difficulties were encountered. The depth of overburden was shallow. It ranged between 6 and 12 metres deep and averaged 8.1 metres.

The average concentration of copper ranged from 48 ppm in Hole 4 to 447 ppm in Hole 8.

The percussion drilling program did not locate the presence of an economic copper deposit in the zone of pyritic volcanic rocks flanking the north side of the syenitic stock.

STATEMENT OF EXPENDITURES

P.W. Richardson	2 days	@	\$113.75	\$ 227.50
C.M. Rebagliati	52 days	@	82.27	4,278.04
J. Coates	6 days	@	42.61	255.66
Bus fare				18.90
Air fare				196.50
Helicopter charter				1,293.65
4 x 4 Truck rental				850.15
Gas and oil				310.35
Diesel				378.00
D6 Cat				1,639.00
Percussion drilling				10,064.28
Accommodation				557.48
Camping outfit				756.26
Sample bags				107.00
Sample buckets				12.00
Freight on samples				109.30
Sample analyses				1,449.23
Board				1,209.50
Communications to and from field				380.64
Slash cutting				1,070.00
Chain saw rental				556.00
Report writing and printing				184.54
Drafting map prints				<u>100.00</u>
			Total	<u>\$26,003.98</u>

STATEMENT OF QUALIFICATIONS

P.W. Richardson

- P.Eng. (B.C.)

B.A.Sc. (1949) UBC - Geological  
Engineering

M.A.Sc. (1950) UBC - Geology

Ph.D. (1955) MIT - Economic Geology  
& Geochemistry

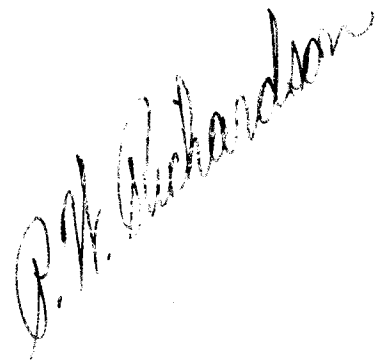
C.M. Rebagliati

- P.Eng. (B.C.)

B.Sc. (1969) Michigan Technological  
University

Geological Engineering

Mining Technologist (1966)

Haileybury School of  
MinesA handwritten signature in cursive script, reading "P.W. Richardson", is located in the bottom right corner of the page.



SEP 1977 I

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

6455 Laurel St., Burnaby, B.C. V5B 3B4

Tel 299 5242

TO

Newconex Canadian  
Exploration Ltd.,  
808 - 525 Seymour St.,  
Vancouver, B. C. V6B 3H7

ANALYSES CERTIFICATE

File No. 7547

Type of Samples P. Cuttings

P.R. Guesnal River.

Disposition

1

No.	Sample	Mo	Cu										No.
01	PR77-1 40-50		172										01
02	50-60		210										02
03	60-70		200										03
04	70-80		145										04
05	80-90		175										05
06	90-100		168										06
07	100-110		150										07
08	110-120		164										08
09	120-130		142										09
10	130-140		134										10
11	140-150		122										11
12	150-160		130										12
13	160-170		154										13
14	170-180		144										14
15	180-190		68										15
16	190-200		124										16
17	200-210		102										17
18	210-220		89										18
19	220-230		115										19
20	230-240		138										20
21	240-250		156										21
22	250-260		172										22
23	260-270		142										23
24	270-280		144										24
25	280-290		132										25
26	PR77-1 290-300		126										26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

All reports are the confidential property of clients.  
All results are in parts per million.

DATE SAMPLES RECEIVED Sept. 6, 1977  
DATE REPORTS MAILED Sept. 14, 1977  
ANALYST *Robert Long*

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Assaying & Trace Analysis

6455 Laurel St., Burnaby, B.C. V5B 3B4

Tel 299 5242

II

TO

Newconex Canadian  
Exploration Ltd.,  
808 - 525 Seymour St.,  
Vancouver, B. C. V6B 3H7

ANALYSES CERTIFICATE

File No. 7547

Type of Samples P. Cuttings

Disposition

No.	Sample	Mo	Cu								No.
01	PR77-2 40-50		76								01
02	50-60		130								02
03	60-70		138								03
04	70-80		182								04
05	80-90		114								05
06	90-100		128								06
07	100-110		110								07
08	110-120		78								08
09	120-130		70								09
10	130-140		104								10
11	140-150		62								11
12	150-160		112								12
13	160-170		130								13
14	170-180		225								14
15	180-190		164								15
16	190-200		62								16
17	200-210		68								17
18	210-220		90								18
19	220-230		102								19
20	230-240		235								20
21	240-250		160								21
22	250-260		72								22
23	260-270		48								23
24	270-280		202								24
25	280-290		58								25
26	PR77-2 290-300		88								26
27											27
28											28
29											29
30											30
31											31
32											32
33											33
34											34
35											35
36											36
37											37
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ANALYST *Dean J. ...*

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SE-III - 15

Newconex Canadian Exploration Ltd. 6455 Laurel St., Burnaby, B.C. V5B 3B4

808 - 525 Seymour St.

File No. 7532

Vancouver, B.C. V6B 3H7

ANALYSES CERTIFICATE

Type of Samples P. Cuttings

Disposition

No.	Sample	Mo	Cu							No.
01	PR-77-3 20- 30		122							01
02	30- 40		56							02
03	40- 50		54							03
04	50- 60		74							04
05	60- 70		92							05
06	70- 80		94							06
07	80- 90		92							07
08	90- 100		76							08
09	100- 110		82							09
10	110- 120		74							10
11	120- 130		82							11
12	130- 140		72							12
13	140- 150		54							13
14	150- 160		38							14
15	160- 170		27							15
16	170- 180		27							16
17	180- 190		52							17
	190- 200		33							18
19	200- 210		54							19
20	210- 220		78							20
21	220- 230		76							21
22	230- 240		66							22
23	240- 250		58							23
24	250- 260		56							24
25	260- 270		62							25
26	270- 280		58							26
27	280- 290		64							27
28	PR-77-3 290- 300		74							28
29										29
30										30
31										31
32										32
33										33
34										34
35										35
36										36
37										37
38										38
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6455 Laurel St., Burnaby, B.C. V5B 3B4

Tel 299 5242

SEP 5 - 1977  
IV

Newconex Canadian Exploration Ltd.

File No 7532

ANALYSES CERTIFICATE

Type of Samples P. Cuttings

Disposition

2

No.	Sample	Mo	Cu									No.
01	PR-77-4 20-	30	82									01
02		30- 40	27									02
03		40- 50	47									03
04		50- 60	22									04
05		60- 70	34									05
06		70- 80	52									06
07		80- 90	102									07
08		90- 100	40									08
09		100- 110	47									09
10		110- 120	39									10
11		120- 130	36									11
12		130- 140	17									12
13		140- 150	27									13
14		150- 160	108									14
15		160- 170	66									15
16		170- 180	48									16
17		180- 190	53									17
18		190- 200	70									18
19		200- 210	57									19
20		210- 220	72									20
21		220- 230	37									21
22		230- 240	33									22
23		240- 250	33									23
24		250- 260	32									24
25		260- 270	33									25
26		270- 280	24									26
27		280- 290	36									27
28	PR-77-4 290-	300	82									28
29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
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ANALYST *[Signature]*

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Tel 299 5243

Newconex Canadian Exploration Ltd.

File No 7532  
Type of Samples P. Cuttings  
Disposition

ANALYSES CERTIFICATE

3

No.	Sample	Mo	Cu								No.
01	PR-77-5 20-	30	102								01
02		30- 40	64								02
03		40- 50	90								03
04		50- 60	62								04
05		60- 70	85								05
06		70- 80	94								06
07		80- 90	76								07
08		90- 100	54								08
09		100- 110	39								09
10		110- 120	16								10
11		120- 130	66								11
12		130- 140	200								12
13		140- 150	144								13
14		150- 160	194								14
15		160- 170	230								15
16		170- 180	240								16
17		180- 190	124								17
18		190- 200	120								18
19		200- 210	86								19
20		210- 220	174								20
21		220- 230	62								21
22		230- 240	66								22
23		240- 250	74								23
24		250- 260	112								24
25		260- 270	34								25
26		270- 280	130								26
27		280- 290	132								27
28	PR-77-5 290-	300	200								28
29											29
30											30
31											31
32											32
33											33
34											34
35											35
36											36
37											37
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ANALYST *Kevin [Signature]*

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Assaying & Trace Analysis

6455 Laurel St., Burnaby, B.C. V5B 3B4

Tel: 299 5242

SEP 9 - 1977  
VI

Conex Canadian Exp.,  
5 - 525 Seymour St.,  
Vancouver, B. C. V6B 3H7

File No. 7538

Type of Samples P. Cuttings

Disposition

ANALYSES CERTIFICATE

1

No.	Sample	Mo	Cu								No.
01	PR77-6 20- 30		124								01
02	30- 40		136								02
03	40- 50		126								03
04	50- 60		134								04
05	60- 70		134								05
06	70- 80		140								06
07	80- 90		98								07
08	90-100		98								08
09	100-110		126								09
10	110-120		50								10
11	120-130		74								11
12	130-140		74								12
13	140-150		108								13
14	150-160		108								14
15	160-170		122								15
16	170-180		164								16
17	180-190		136								17
18	190-200		118								18
19	200-210		120								19
20	210-220		142								20
21	220-230		102								21
22	230-240		108								22
23	240-250		96								23
24	250-260		112								24
25	260-270		138								25
26	270-280		108								26
27	280-290		230								27
28	PR77-6 290-300		104								28
29											29
30											30
31											31
32											32
33											33
34											34
35											35
36											36
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ANALYST *Robert Hoff*

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Tel 299 5242

VII 1577

Ionex Canadian Exp.,  
3 - 525 Seymour St.,  
Vancouver, B. C. V6B 3H7

File No 7538

Type of Samples P. Cuttings

Disposition

ANALYSES CERTIFICATE

2

No.	Sample	Mo	Cu									No.
01	PR77-7 40-50		28									01
02	50-60		34									02
03	60-70		14									03
04	70-80		56									04
05	80-90		88									05
06	90-100		94									06
07	100-110		96									07
08	110-120		96									08
09	120-130		100									09
10	130-140		110									10
11	140-150		120									11
12	150-160		76									12
13	160-170		110									13
14	170-180		110									14
15	180-190		100									15
16	190-200		94									16
17	200-210		86									17
18	210-220		82									18
19	220-230		84									19
20	230-240		96									20
21	240-250		78									21
22	250-260		90									22
23	260-270		78									23
24	270-280		74									24
25	280-290		86									25
26	PR77-7 290-300		74									26
27												27
28												28
29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
40												40

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ANALYST [Signature]

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Assaying & Trace Analysis  
6455 Laurel St., Burnaby, B.C. V5B 3B4

Tel 299 5242

VIII

SEP 5 1977

File No. 7532

Type of Samples P. Cuttings

Disposition \_\_\_\_\_

Newconex Canadian Exploration Ltd.

ANALYSES CERTIFICATE

4

No.	Sample	Mo	Cu									No.
01	PR-77-8 20-	30	970									01
02		30- 40	405									02
03		40- 50	390									03
04		50- 60	225									04
05		60- 70	1100									05
06		70- 80	630									06
07		80- 90	1230									07
08		90- 100	1950									08
09		100- 110	370									09
10		110- 120	710									10
11		120- 130	440									11
12		130- 140	235									12
13		140- 150	805									13
14		150- 160	860									14
15		160- 170	420									15
16		170- 180	255									16
17		180- 190	174									17
18		190- 200	172									18
19		200- 210	118									19
20		210- 220	110									20
21		220- 230	128									21
22		230- 240	108									22
23		240- 250	130									23
24		250- 260	116									24
25		260- 270	118									25
26		270- 280	87									26
27		280- 290	98									27
28	PR-77-8 290-	300	67									28
29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
40												40

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ANALYST *Heaven*



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

6455 Laurel St., Burnaby, B.C. V5B 3B4

Tel: 299-5242

SEP 9 - 1977

Conex Canadian Exp.,  
3 - 525 Seymour St.,  
Vancouver, B. C. V6B 3H7

File No. 7538

Type of Samples P. Cuttings

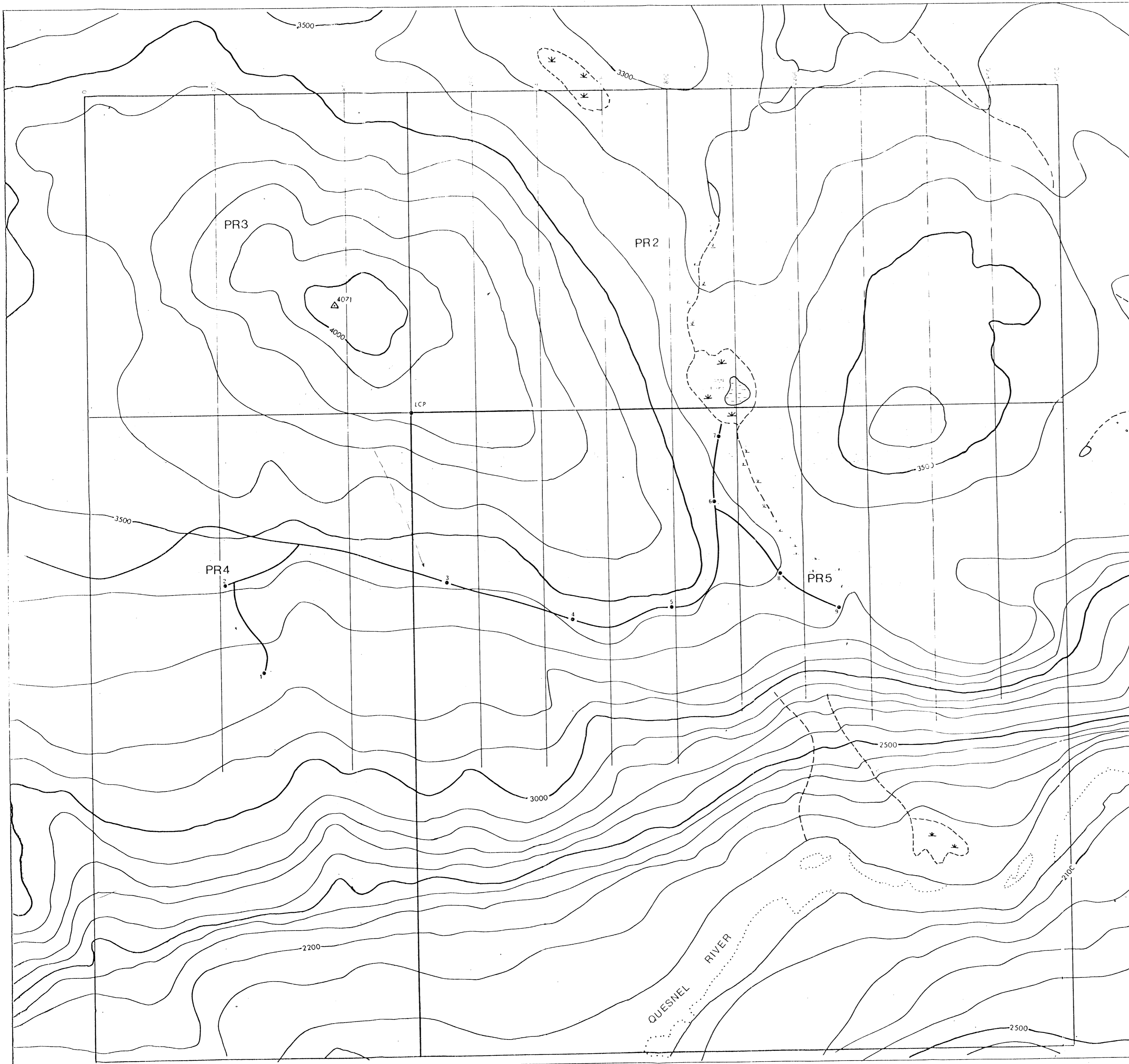
Disposition

ANALYSES CERTIFICATE

No.	Sample	Mo	Cu										No.
01	PR77-9 20- 30		82										01
02													02
03	30- 40		92										03
04	40- 50		128										04
05	50- 60		98										05
06	60- 70		146										06
07	70- 80		134										07
08	80- 90		176										08
09	90-100		110										09
10	100-110		128										10
11	110-120		130										11
12	120-130		74										12
13	130-140		54										13
14	140-150		156										14
15	150-160		184										15
16	160-170		86										16
17	170-180		74										17
18	180-190		110										18
19	190-200		120										19
20	200-210		64										20
21	210-220		144										21
22	220-230		80										22
23	230-240		76										23
24	240-250		62										24
25	250-260		86										25
26	260-270		94										26
27	270-280		78										27
28	280-290		82										28
29	PR77-9 290-300		96										29
30													30
31													31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

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ANALYST *[Signature]*



SYMBOLS  
 — Drill road  
 • Percussion drill hole

MINING BRANCH  
 ASSESSMENT REPORT  
 No. 6417

50% red'n  
 20/2/87

NEWCONEX CANADIAN EXPLORATION LTD.		
CARIBOO PROJECT		
CLAIM AND DRILL LOCATION MAP		
QUESNEL RIVER PROPERTY		
PR MINERAL CLAIMS		
To Accompany: Assessment Report describing Percussion Drilling on the PR Claim Group, by P.W. Richardson, P.Eng., September 27, 1977		
Scale	1:5,000 1" = 116.7 ft	Drawn by MEP
		NTS 93A12

*P.W. Richardson*

1:10,000