ASSESSMENT REPORT

OAQ QUARTZ CLAIMS

YC 21101 to 21108
YC 21119 to 21122
YC 21902 to 21953

NTS 116 - C - 7

094387

MAIDEN CREEK

FORTYMILE DISTRICT

YUKON

Bounded by coordinates

64,22,37 140,36,42
64,21,25 140,35,55
64,21,45 140,37,45
64,22,05 140,34,45

GEOCHEMISTRY REPORT

FIELD WORK CONDUCTED
SEPTEMBER 2003

ANGUS WOODSEND
For
GROUNDHOG EXPLORATION

November 7, 2003

094387 c.2

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 1200.

Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Costs associated with this report have been approved in the amount of $ 1,200 for assessment credit under Certificate of Work No. 2D00467

Mining Recorder
Dawson City Mining District

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ANALYTICAL RESULTS.....attached

SUMMARY

Geochemical soil and stream sediment samples taken in September 2003 indicate a potential source area for the placer gold found in Maiden Creek.

Aerial photo interpretation and reconnaissance geology suggest that this source mineralization is related to faulting caused by relatively recent tectonic events.

Ground work in 2004 will include expansion of the OAQ quartz claim block, geochemical soil sampling, more detailed geological mapping, and sampling of the bedrock which will be exposed in the placer mine cut.

LOCATION and ACCESS

The location of the OAQ claim block is shown on the attached Figure 1. Access to the area is via the Top of the World Highway, and the Clinton Road. A 4x4 dirt road was built by Groundhog Exploration in 2002 and 2003 from the Clinton Road down into the Maiden valley. This road follows the right limit rim of the Maiden Creek valley to a point opposite the creek's forks on quartz claim OAQ 1, YC 21101.

CLAIMS

The property consists of the following Quartz claims:

OAQ 1 to 8	YC21101 to YC21108	due date 23 Oct 2004
OAQ 19 to 22	YC21119 to YC21122	due date 23 Oct 2004
OAQ 25 to 28	YC21902 to YC21905	due date 11 Oct 2003

GEOCHEMICAL SAMPLING

14 soil and stream sediment samples were taken and sent to ALS-Chemex in North Vancouver and analyzed for gold by fire assay and AAS (code Au-AA23), and 47 additional elements at ultra trace levels by 'four acid near total digestion' (code ME-MS61). PGMs and Hg were not included.

Sample locations and numbers are shown in Figure 2, gold values are shown in Figure 3, and a compilation of 2002 and 2003 gold values are shown in Figure 4.

Anomalous gold values occur on the Maiden left limit rim and to a lesser extent on the Maiden right fork.

STATEMENT OF EXPENDITURES

To accompany quartz assessment report on OAQ quartz claims
Dated November 7, 2003
By Angus Woodsend
For Groundhog Exploration.

Fieldwork,
2 geologist days sampling @ $300 .....$600.00

Geochemical analyses,
14 samples @ $40.66 ..... 569.29

Reporting,
1 geologist day @ $200.00 ..... 200.00

TOTAL $1369.29

Angus Woodsend

7 December 2003

DISCUSSION OF RESULTS

Figure 5 shows an interpretation of part of aerial photo A 27619 - 52. The elements included are strong regional faults that dictate the position of the present day Fortymile River and Maiden Creek right and left forks. Subsidiary faults cross the Maiden valley. The fault apparently most responsible for local gold mineralization runs NNW - SSE from the Fortymile River over the remnant nose of the Fortymile paleo-plateau to join the Maiden right fork fault. The existence, as shown on Figure 5, of a Fortymile White Channel gravel deposit on the paleo-plateau is considered to be significant.

PLANNED 2004 EXPLORATION

The placer cut shown on Figure 5 will be mined out in 2004, exposing bedrock which will be mapped and sampled.

Soil samples will be taken along a line following the 1700ft contour line, just below the White Channel gravel - bedrock contact horizon, around the nose of the paleo-plateau. These samples will be analyzed for gold only, since sampling to date has shown other elements are seldom present in significant amounts.

While the above contour line is sampled, any exposed bedrock will be mapped.

Ongoing placer exploration and mining will help to interpret the hardrock environment since the two are intimately linked.

STATEMENT OF QUALIFICATIONS

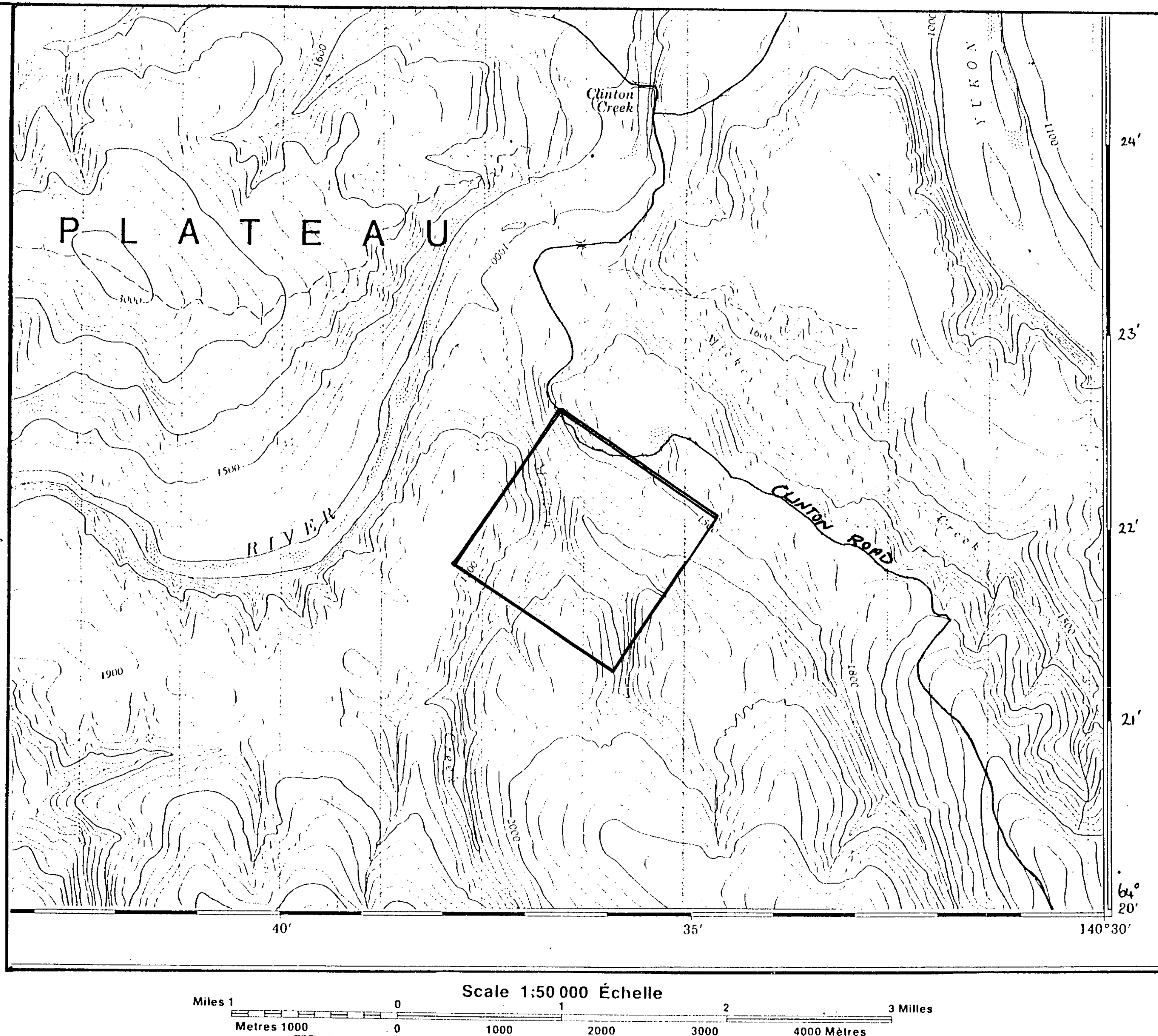
The author of this report, Angus Woodsend, graduated from Southampton University, England, with a B.Sc. (Hons.) Degree in Geology in 1971.

Since that time he has worked as an exploration geologist in many parts of the world. He incorporated Groundhog Exploration in 1990. The company is wholly owned and operated by Angus and his son Cam.

Angus Woodsend
7 November 2003

EXTRACT OF FIELD NOTES

Sample	TAG No	TYPE	GPS LOC
I	417537	fault gully	64,22,37 140,37,27
2	417538	fault gully	64,22,37 140,37,31
3	417539	fault gully	64,22,40 140,37,14
4	417540	fault gully	64,22,41 140,37,09
5	417541	slide base	
6	417542	qv on shear 010/78S	
7	417543	slide base	64,22,28 140,36,49
8	417544	str. sed.	64,21,34 140,37,16
9	417545	str.sed.	same
10	417546	str.sed.	64,21,41 140,35,50
11	417547	str.sed limestone at forks str 029, dip 43N.	64,21,41 140,35,50
12	417548	soil on slide	64,21,19 140,36,44
13	417549	soil on slide	100ft N of 12.
14	417550	soil on slide	100ft N of 13.



N.

NTS
116-C-7

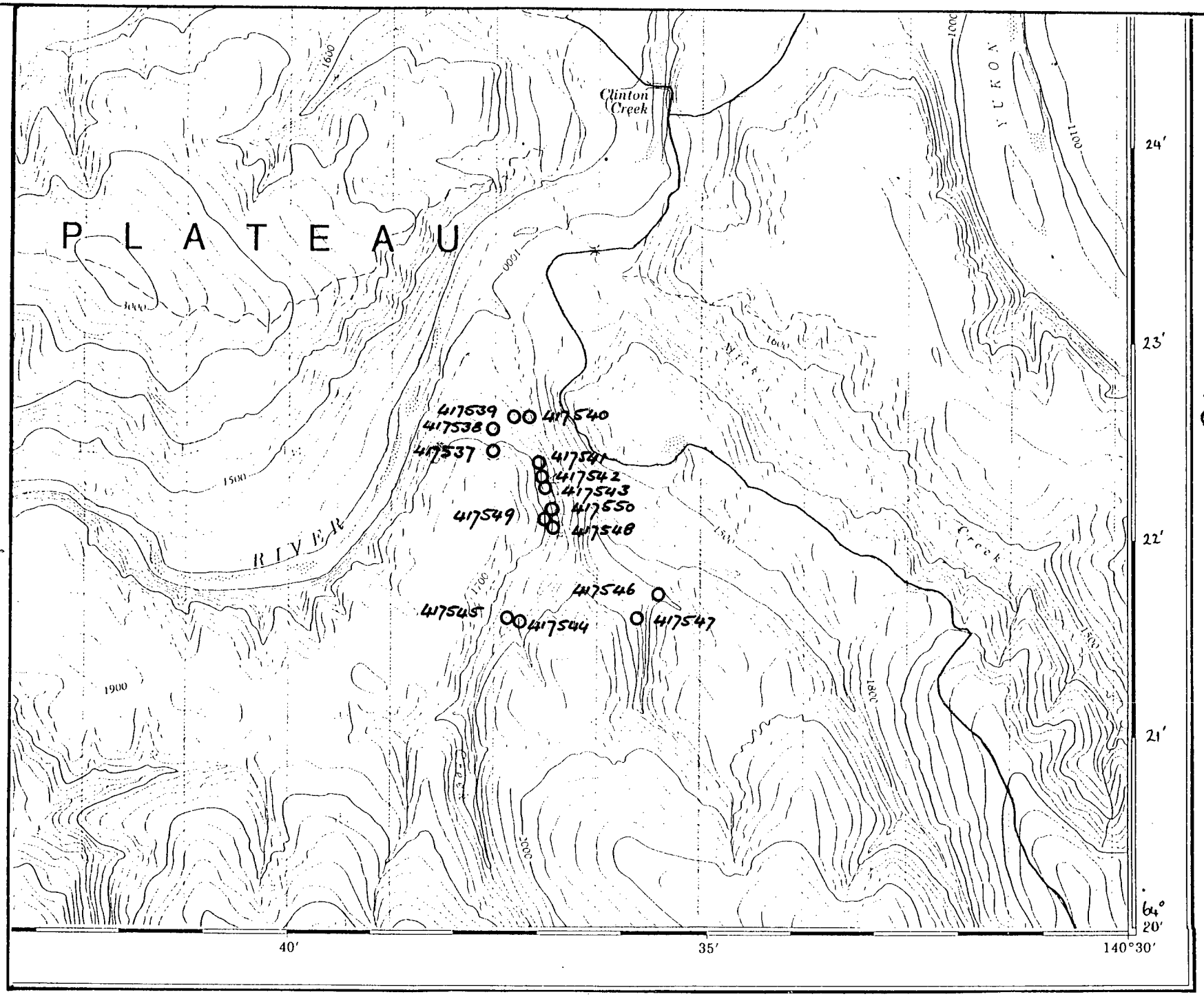
<u>QUARTZ</u>
<u>CLAIMS</u>

OAQ 1 to 6,
19 to 22,
25 to 28.

YC 21101 to 08
21119 to 22
21902 to 05

Nov. 2003

FIG. 1



N.

NTS 116-C-7

OAQ Qtz. Cls.

2003

STREAM SED. & SOIL SAMPLE LOCATIONS.

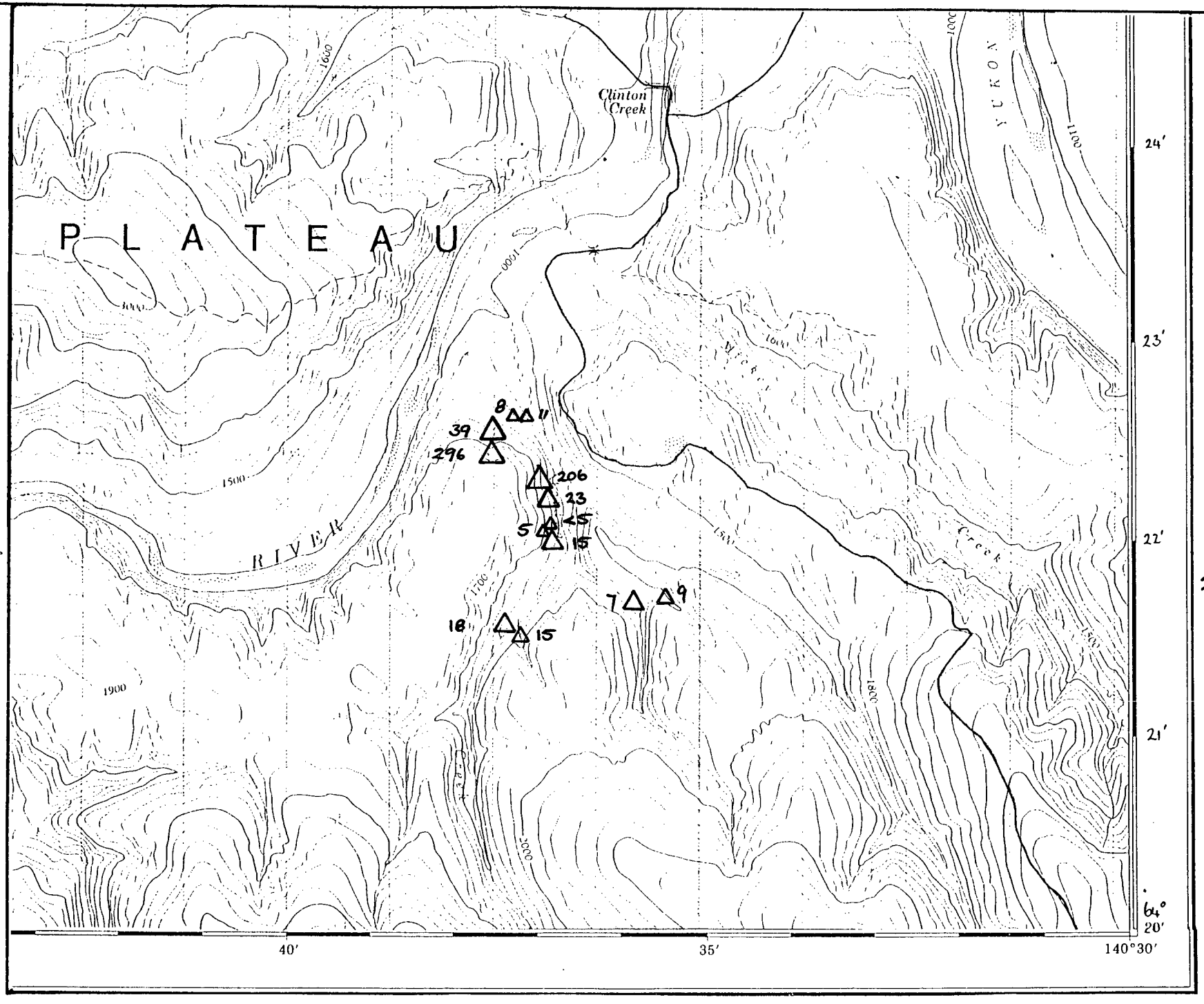
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

NOV. 2003

FIG 2.



N.

NTS 116-C-7
OAQ
QUARTZ CLS.

2003 GEOCHEM.
Au
as ppb.

△ >30 ppb.
△ >15 ppb.
△ 10-15 ppb.
△ 5-10 ppb.
△ <5 ppb.

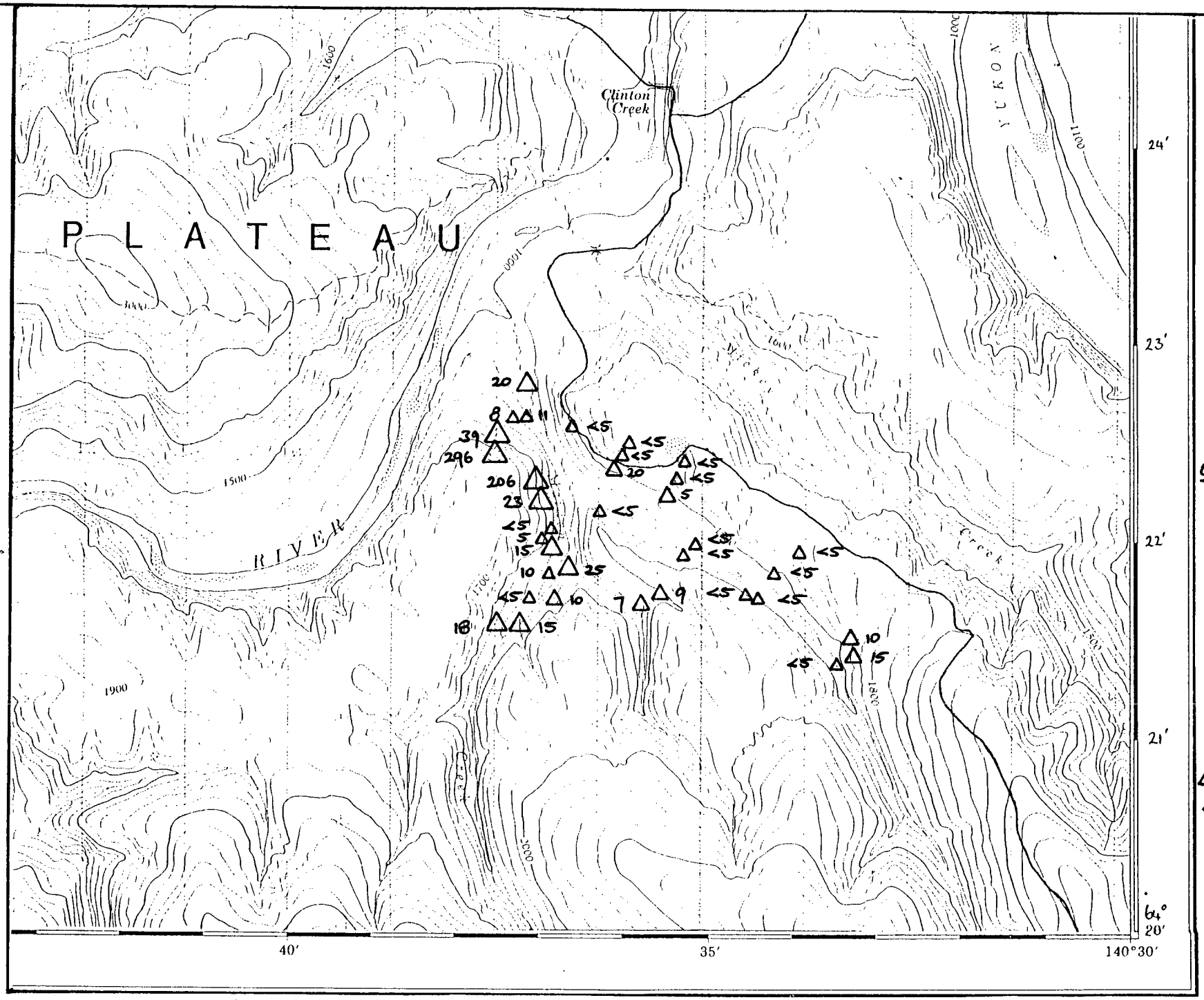
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

NOV. 2003

FIG 3.



N.

NTS 116-C-7
OAQ Qtz. Cls.

2001 AND 2003
STREAM SED.
& SOIL SAMPLES

Au ppb.

- Au > 30 ppb.
- Au 15-30 ppb.
- Au 10-15 ppb.
- Au 5-10 ppb.
- Au < 5 ppb.

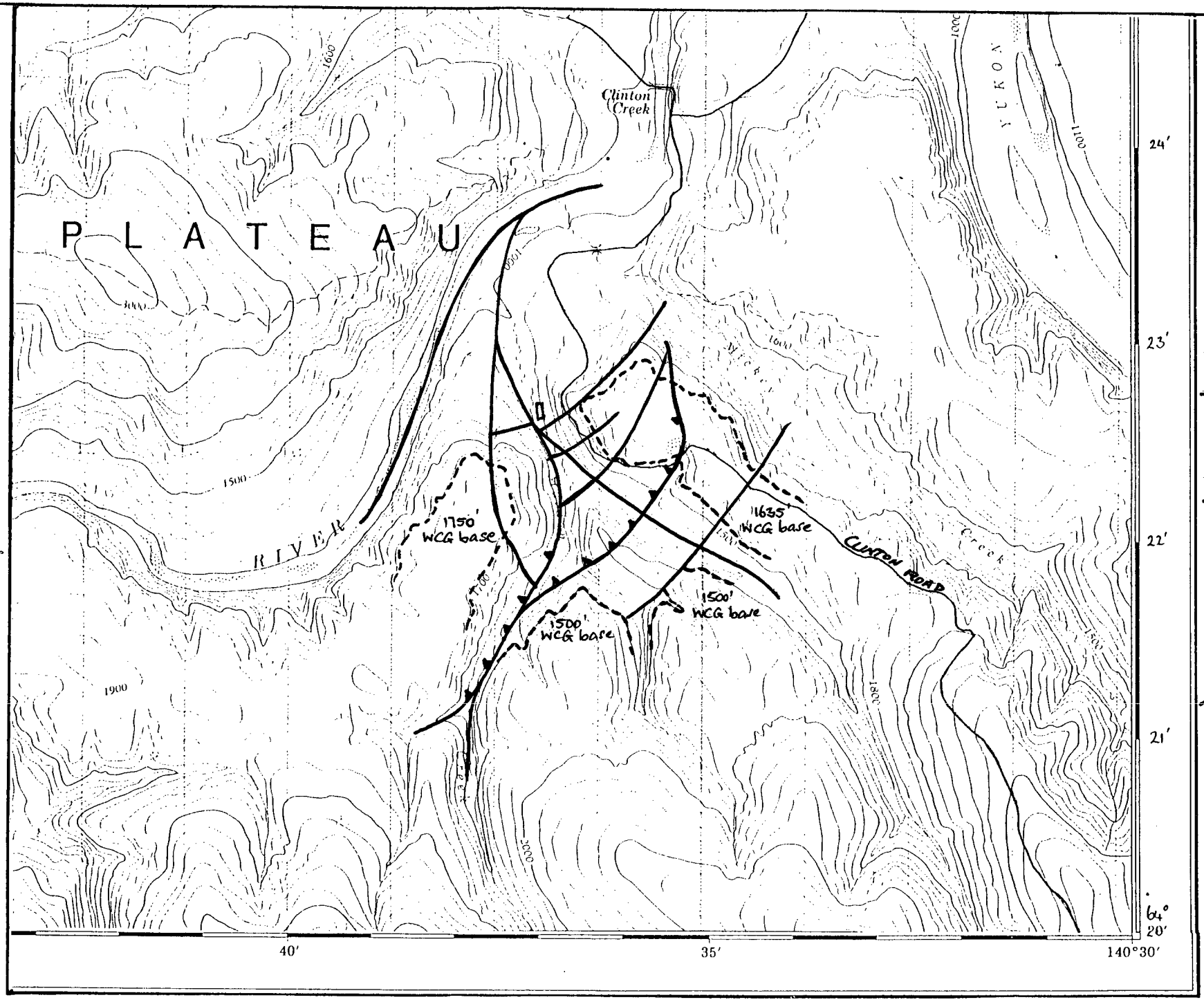
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

Nov 2003

FIG 4.



N.

NTS 116-C-7

OAQ Qtz. Cls.

AERIAL PHOTO INTERPRETATION

WHITE CHANNEL GRAVEL BASE

FAULTS

2003-2004 PLACER MINE CUT

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles

Metres 1000 0 1000 2000 3000 4000 Mètres

Nov. 2003

FIG. 5.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: **WOODSEND, ANGUS**
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

INVOICE NUMBER: 1052381

BILLING INFORMATION

Certificate: **VA03041851**
Account: **ORA**
Date : **24-Oct-2003**
Project :
P.O. No.:
Quote:
Terms: **Due on Receipt** C3

Comments:

QUANTITY	ANALYSED FOR CODE	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	30.00	30.00
14	PREP-41	Dry, Sieve (180 um) Soil	2.50	35.00
4.06	PREP-41	Wt. Charge (kg) - Dry, Sieve (180 um) Soil	0.75	3.05
11	Au-AA23	Au 30g FA-AA finish	12.00	132.00
2	Au-AA23	Au 30g FA-AA finish	12.00	24.00
14	ME-MS61	47 element four acid ICP-MS	18.00	252.00
14	GEO-4A01	Four Acid Dig - ME-MS61	4.00	56.00

SUBTOTAL (CAD)	$	532.05
GST R100938885	$	37.24
TOTAL PAYABLE (CAD)	**$**	**569.29**

To: **WOODSEND, ANGUS**
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

PAID

Please Remit Payments to :
ALS Chemex
212 Brooksbank Avenue
North Vancouver BC V7J 2C1

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: WOODSEND, ANGUS
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

Date : 27-Oct-2003
Account: ORA

CERTIFICATE VA03041851

Project :

P.O. No:

This report is for 14 SOIL samples submitted to our lab in North Vancouver, BC, Canada on 15-Oct-2003.

The following have access to data associated with this certificate:

ANGUS WOODSEND

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	47 element four acid ICP-MS	

To: **WOODSEND, ANGUS**
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
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To: WOODSEND, ANGUS
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

Date : 27-Oct-2003
Account: ORA

CERTIFICATE OF ANALYSIS VA03041851

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
N417537		0.36	2.66	0.296	0.36	1.44	6.1	570	0.31	0.07	0.84	0.60	20.6	23.0	12	0.94
N417538		0.44	0.441	0.039	0.18	5.74	11.5	980	1.25	0.16	1.54	0.36	54.9	13.3	46	2.71
N417539		0.28	0.008		0.18	5.69	9.6	960	1.20	0.34	1.78	0.40	55.2	12.3	58	2.36
N417540		0.24	0.011		0.18	5.58	7.1	880	1.12	0.20	1.64	0.41	51.8	10.3	65	2.24
N417541		0.14	NSS		0.37	1.76	12.3	400	0.33	0.04	0.84	0.32	31.9	6.8	20	1.06
N417542		0.32	0.206		0.30	5.31	57.7	1170	1.36	0.19	0.88	0.55	95.0	14.2	57	5.17
N417543		0.42	0.023		0.27	9.22	17.0	1430	2.33	0.18	0.44	0.15	95.7	11.8	64	8.43
N417544		0.20	0.018		0.15	5.41	7.4	890	1.15	0.13	1.58	0.21	62.8	8.0	59	2.22
N417545		0.22	0.015		0.13	5.34	7.8	960	1.08	0.12	1.16	0.21	61.7	12.4	67	2.78
N417546		0.24	0.009		0.14	5.32	8.0	890	0.93	0.11	1.57	0.50	49.9	9.5	47	2.39
N417547		0.34	0.007		0.10	5.52	7.8	1020	1.29	0.21	1.02	0.18	70.6	10.1	49	3.27
N417548		0.30	0.015		0.22	5.27	17.4	820	1.04	0.22	1.07	0.25	63.5	9.0	43	3.52
N417549		0.22	0.005		0.93	6.90	12.8	1050	1.55	0.22	1.31	0.49	67.6	14.6	37	6.78
N417550		0.34	<0.005		0.21	6.11	13.6	1190	1.54	0.15	1.41	0.21	67.2	11.8	56	3.63

Comments: Due to sample type, some samples exhibit Au nugget effect. REE's may not be totally soluble in MS61 method. NSS is non-sufficient sample.

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212 Brooksbank Avenue
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To: WOODSEND, ANGUS
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

Date : 27-Oct-2003
Account: ORA

CERTIFICATE OF ANALYSIS VA03041851

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N417537		15.9	1.68	3.07	0.11	0.1	0.010	0.25	11.6	4.0	0.25	1020	2.31	0.24	1.4	18.1
N417538		20.2	3.13	14.35	0.20	0.2	0.040	1.16	32.1	21.6	0.90	518	1.79	1.34	5.0	29.2
N417539		17.2	2.89	13.15	0.20	0.2	0.038	1.16	32.6	20.5	0.95	457	1.23	1.41	6.0	27.0
N417540		13.1	2.79	13.60	0.20	0.1	0.039	1.14	31.0	18.8	0.90	437	1.11	1.46	5.1	25.5
N417541		17.8	0.86	4.36	0.12	0.1	0.008	0.44	20.8	7.2	0.36	346	1.10	0.32	1.9	15.6
N417542		35.9	3.61	14.35	0.27	0.1	0.039	1.50	62.8	29.1	0.61	1040	2.08	0.68	4.6	57.8
N417543		28.4	3.66	23.7	0.28	1.7	0.064	3.14	59.4	54.3	0.83	256	1.19	0.58	5.1	40.3
N417544		12.4	2.49	13.25	0.19	0.2	0.036	1.12	36.7	19.1	0.85	405	1.17	1.37	5.4	21.6
N417545		17.2	2.89	13.60	0.18	0.2	0.041	1.30	36.0	23.1	0.95	681	0.96	1.02	4.5	41.4
N417546		13.6	2.37	13.80	0.19	0.2	0.036	1.14	30.0	18.6	0.79	459	0.94	1.35	5.4	24.7
N417547		14.2	2.61	13.95	0.20	0.1	0.040	1.45	42.2	22.0	0.71	496	1.15	1.09	5.4	23.7
N417548		19.4	2.99	14.10	0.16	0.4	0.045	1.14	33.7	19.4	0.60	351	1.94	1.08	6.6	23.1
N417549		31.8	2.62	20.3	0.17	2.6	0.046	1.64	38.1	24.6	0.64	576	1.66	1.37	3.4	30.5
N417550		21.5	3.11	16.25	0.17	0.8	0.045	1.59	34.3	25.2	0.84	410	1.27	1.35	4.7	33.0

Comments: Due to sample type, some samples exhibit Au nugget effect. REE's may not be totally soluble in MS61 method. NSS is non-sufficient sample.

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To: WOODSEND, ANGUS
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

Date : 27-Oct-2003
Account: ORA

CERTIFICATE OF ANALYSIS VA03041851

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Tl % 0.01	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N417537		1330	7.5	12.8	<0.002	0.13	0.81	<1	0.4	87.9	<0.05	0.09	3.1	0.08	0.08	1.4
N417538		800	14.7	54.3	<0.002	0.03	0.68	1	1.7	227	<0.05	0.20	7.9	0.37	0.42	2.3
N417539		760	12.3	52.2	<0.002	0.02	0.95	<1	1.5	236	<0.05	0.21	8.1	0.38	0.37	2.3
N417540		760	11.5	51.0	0.002	0.01	0.67	1	1.4	235	<0.05	0.16	7.3	0.42	0.33	2.0
N417541		630	4.9	20.9	<0.002	0.13	0.46	<1	0.4	86.8	<0.05	0.09	4.9	0.10	0.13	1.3
N417542		690	17.9	70.8	<0.002	0.04	1.45	2	1.4	142.5	<0.05	0.22	13.9	0.31	0.67	3.2
N417543		750	21.7	157.5	<0.002	0.01	0.37	<1	2.5	114.0	0.11	0.19	17.2	0.37	0.84	3.3
N417544		680	11.2	51.1	0.003	0.04	0.63	3	1.4	223	<0.05	0.17	10.1	0.41	0.34	2.6
N417545		590	14.7	67.9	<0.002	0.01	0.41	4	1.5	165.0	<0.05	0.19	9.5	0.38	0.32	2.2
N417546		570	11.5	64.0	0.002	0.03	0.56	1	1.4	222	<0.05	0.19	7.2	0.36	0.37	1.9
N417547		640	15.4	72.3	<0.002	0.01	0.40	3	1.5	164.0	<0.05	0.27	11.0	0.40	0.39	2.3
N417548		980	17.6	51.9	0.002	0.06	1.02	3	1.4	187.5	0.15	0.06	11.6	0.35	0.39	3.4
N417549		520	17.4	81.6	0.003	0.02	0.54	2	1.8	281	0.13	<0.05	8.8	0.34	0.64	2.8
N417550		740	18.2	69.4	0.003	0.01	0.68	2	1.8	219	0.13	<0.05	11.1	0.44	0.48	2.6

Comments: Due to sample type, some samples exhibit Au nugget effect. REE's may not be totally soluble in MS61 method. NSS is non-sufficient sample.

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212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218

To: WOODSEND, ANGUS
290 EAGLE RIDGE DRIVE
SALT SPRING ISLAND BC V8K 2L1

Date : 27-Oct-2003
Account: ORA

CERTIFICATE OF ANALYSIS VA03041851

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N417537		30	0.8	8.0	72	2.4
N417538		134	0.7	12.6	83	5.9
N417539		123	0.7	13.2	85	4.1
N417540		121	0.7	12.0	70	4.1
N417541		35	0.3	9.2	70	2.1
N417542		133	0.7	21.2	128	3.1
N417543		189	0.4	14.7	116	54.5
N417544		112	0.7	13.2	62	6.3
N417545		108	0.6	14.8	84	4.0
N417546		107	0.9	11.3	77	6.0
N417547		105	0.7	12.8	84	4.2
N417548		107	1.0	15.0	67	16.6
N417549		106	0.4	15.6	87	75.2
N417550		122	0.7	16.0	84	29.4

YUKON ENERGY MINES
& RE[illegible]ARY
PO Box [illegible]
Whitehorse, Yukon Y1A 2C6

Comments: Due to sample type, some samples exhibit Au nugget effect. REE's may not be totally soluble in MS61 method. NSS is non-sufficient sample.