

**Report of work carried out on Grouped Quartz claims Cairo, Cairo 1,
Cairo 2, Aug-Sept 2010**

Report of Geochemical work – Soil Sampling and analysis

Jonathan F. Lucas, Oct 3rd 2010

NTS Mapsheet number

105D11, Whitehorse Mining District

Claim numbers + UTM co-ordinates (all 08V)

		Post 1	Post 2
Cairo	YC40010	0487369 6725794	0486917 6725805
Cairo 1	YC83598	0487375 6725795	0487831 6725799
Cairo 2	YC83599	0487417 6725849	0487706 6726142

Registered owner

Jonathan F. Lucas, B.Sc.

Work undertaken

1) Soil Sampling – August 2nd 2010

2) Analysis – Sept/Oct 2010

1) Soil Sampling

Cairo

Sample 1: 08V 487277 6725788

In the 6' x 6" x 4' hand excavation undertaken in summer 2009 the sampling bore was drilled until it reached rocks and could go no deeper (approx further 2 feet). Grey clay/mud.

Sample 2: 08V 0486999 6725743

On high point of claim, approx 12" below surface. Light, dry sandy fine silt.

Sample 3: 08V 0487022 6725833

Boggy ground in ephemeral creek bed. Dark brown (rich in organics) and wet soil, taken from 3' below surface.

Sample 4: 08V 0487214 6725900

Dry ephemeral creek bed. Cobbles and pebbles prevented sampling below 6". Sandy.

Sample 5: 08V 0487383 6725852

Basin in dry ephemeral creek bed, 18" down into pebbly layer

Cairo 1

Sample 6: 08V 0487391 6725725

Open area with shallow sandy soil over granite bedrock

Sample 7: 08V 487338 6725668

Open area with shallow sandy soil over granite bedrock

Sample 8: 08V 0487414 6725643

Treed area, sandy loamy soil, sample from 12' depth over bedrock.

Cairo 2

Sample 9: 08V 0487447 6725929

6" down onto bedrock

Sample 10: 08V 0487474 6725992

Sample taken from 12" down in pit created by uprooted windblown spruce.

2) Analysis

Samples stored refrigerated and delivered to ALS Laboratory Group, Sept 27th 2010 for:

All samples

Preparation 41 – initial sieving and removal of organics

Aquaregia ME-MS41L low level metals testing

Samples, 1,5,6

ICP gold analysis, AU-ICP 21

Results expected mid-Oct 2010

Expenditures

Soil Sampling

	\$
2.5 hour prep and travel time @ \$20/hour	50
4.5 hours sampling @ \$30/hour	135
Vehicle mileage, 20km @ \$0.6/km	12

Analysis

Delivery

1 hour @ \$20/hour	20
Vehicle mileage, 30km @ \$0.6/km	18
ALS costs (to 27 th Sept)	350

Reports

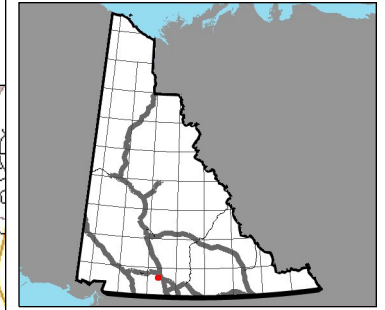
Report of work

3 hours @ \$30/hour	90
office facilities, flat rate \$27/report	27

Total to date

702

Cairo Claim Grouping, Fish Lake Rd



Legend

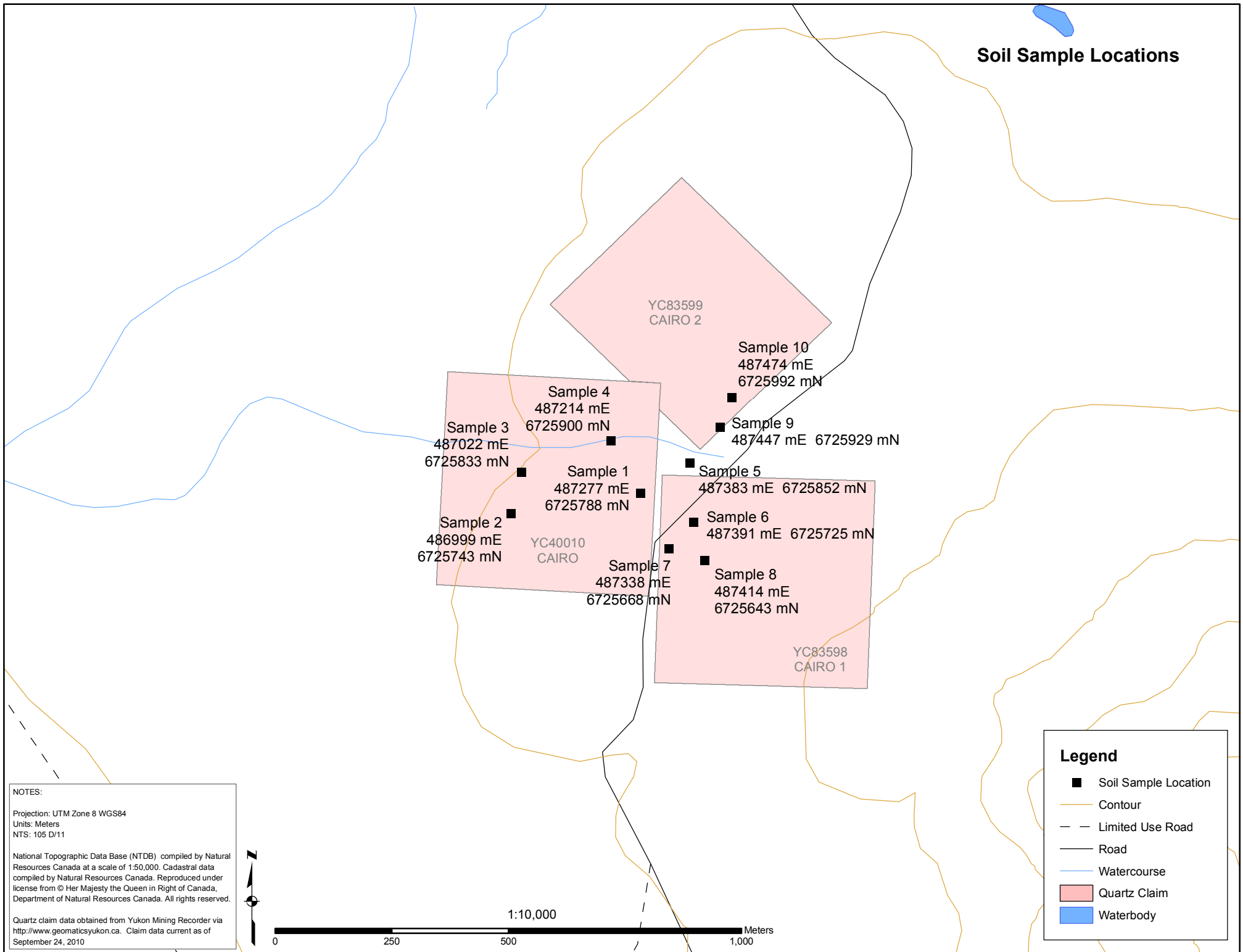
- Yukon Border - Surveyed Borders (1M)
- AB
- International
- BC
- NT
- Roads - Selected(1M)
- Historical Road
- Unknown Road
- National Road Network - All Roads
- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter
- Waterbodies (50k)
- Dry river bed
- Navigable canal
- Sand
- Water disturbance
- Waterbody
- Places (All)
- City
- Town
- Municipality
- Village

Scale: 1:96,718

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Date Printed: 18-Jul-2009 10:07:09 PM

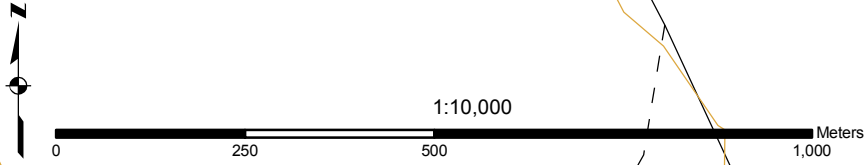
Soil Sample Locations



NOTES:
Projection: UTM Zone 8 WGS84
Units: Meters
NTS: 105 D/11
National Topographic Data Base (NTDB) compiled by Natural Resources Canada at a scale of 1:50,000. Cadastral data compiled by Natural Resources Canada. Reproduced under license from © Her Majesty the Queen in Right of Canada, Department of Natural Resources Canada. All rights reserved.
Quartz claim data obtained from Yukon Mining Recorder via <http://www.geomatics.yukon.ca>. Claim data current as of September 24, 2010

Legend

- Soil Sample Location
- Contour
- - Limited Use Road
- Road
- Watercourse
- Quartz Claim
- Waterbody





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North Vancouver BC V7H 0A7
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To: JONATHAN LUCAS
BOX 21351 STN MAIN
WHITEHORE YT Y1A 6R7

Page: 1
Finalized Date: 11-OCT-2010
Account: LUCJON

CERTIFICATE WH10138530

Project: Cairo 1-3
P.O. No.:
This report is for 10 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-SEP-2010.

The following have access to data associated with this certificate:

JONATHAN LUCAS

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-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41L	51 anal. aqua regia ICPMS	

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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:


Colin Ramshaw, Vancouver Laboratory Manager



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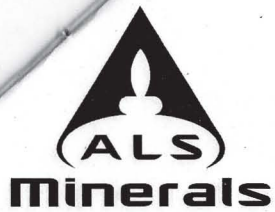
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CERTIFICATE OF ANALYSIS WH10138530

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.001	0.0002	0.002	0.01	0.1	10	0.5	0.05	0.01	0.01	0.01	0.02	0.1	0.5
1		0.80	0.005	0.0040	0.056	1.38	11.9	<10	116.5	0.45	0.17	0.75	0.13	30.8	8.1	30.9
2		0.44		0.0079	0.190	1.26	5.9	<10	121.0	0.51	0.18	0.66	0.15	24.1	6.5	25.1
3		0.60		0.0020	0.167	0.26	2.7	<10	210	0.13	0.04	3.78	2.43	4.10	2.3	6.1
4		0.40		0.0014	0.455	1.86	5.4	<10	246	0.58	0.16	1.48	0.95	18.30	6.4	24.1
5		1.46	0.002	0.0017	0.116	1.55	7.3	<10	181.5	0.49	0.19	0.48	0.29	24.5	6.8	25.6
6		0.90	0.002	0.0022	0.055	0.82	7.0	<10	91.7	0.34	0.14	1.76	0.13	28.2	5.4	19.7
7		0.56		0.0014	0.212	1.53	3.3	<10	153.0	0.48	0.15	0.38	0.30	23.0	4.7	21.5
8		0.78		0.0116	0.040	1.72	7.0	<10	111.5	0.52	0.16	0.25	0.09	20.8	7.2	30.9
9		0.52		0.0009	0.102	1.46	6.8	<10	91.1	0.48	0.16	0.27	0.25	15.75	6.7	25.5
10		0.94		0.0005	0.051	1.40	5.1	<10	92.4	0.40	0.13	0.23	0.06	16.75	5.2	21.9



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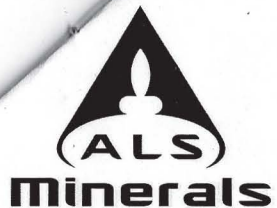
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CERTIFICATE OF ANALYSIS WH10138530

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
1		1.38	25.1	2.30	5.06	0.09	0.09	0.008	0.019	0.07	14.9	11.5	0.66	307	0.67	0.037
2		0.68	19.80	1.97	4.84	0.05	0.04	0.017	0.019	0.04	13.2	9.7	0.43	210	0.32	0.022
3		0.17	21.3	0.66	0.56	<0.05	0.05	0.062	<0.005	<0.01	2.2	0.8	0.17	219	2.94	0.009
4		1.59	34.5	1.77	5.50	0.05	0.04	0.058	0.024	0.11	9.9	9.2	0.37	448	0.89	0.022
5		1.07	20.8	2.00	5.16	0.05	0.02	0.017	0.020	0.06	11.3	13.0	0.45	313	0.60	0.022
6		0.75	17.65	1.63	3.12	0.06	0.10	0.010	0.013	0.05	14.6	7.3	0.55	278	0.46	0.029
7		1.07	19.00	1.48	5.38	0.05	<0.02	0.018	0.017	0.04	12.5	9.9	0.36	148	0.37	0.019
8		1.00	14.65	2.27	5.81	0.05	0.03	0.008	0.020	0.05	10.7	11.8	0.47	233	0.76	0.014
9		0.86	13.10	2.17	5.63	<0.05	0.03	0.011	0.019	0.05	8.2	10.0	0.38	245	0.78	0.015
10		0.91	10.75	1.79	5.48	<0.05	0.06	0.010	0.015	0.05	9.2	10.5	0.36	168	0.67	0.014



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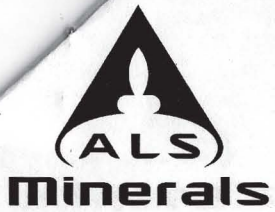
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		Nb ppm	Ni ppm	P %	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
		0.05	0.1	0.001	0.01	0.1	0.001	0.01	0.02	0.1	0.1	0.2	0.2	0.01	0.01	0.1
1		1.27	19.9	0.061	9.83	8.8	<0.001	0.01	0.55	4.3	0.3	0.5	34.6	<0.01	0.03	5.7
2		1.28	16.0	0.049	8.80	7.0	<0.001	0.02	0.32	3.7	0.5	0.5	30.9	<0.01	0.03	2.7
3		0.23	6.8	0.064	1.40	0.8	0.005	0.60	0.60	0.8	2.2	<0.2	126.5	0.01	0.02	0.6
4		1.05	20.8	0.182	6.88	20.8	<0.001	0.13	0.52	1.5	1.1	0.4	70.0	0.01	0.03	0.5
5		0.97	18.2	0.104	8.18	9.1	<0.001	0.05	0.36	2.1	0.5	0.4	30.5	<0.01	0.02	0.9
6		0.41	12.1	0.083	6.65	5.7	<0.001	0.01	0.59	3.4	0.2	0.3	43.3	<0.01	0.02	6.1
7		0.72	13.3	0.075	8.92	8.4	<0.001	0.03	0.22	1.3	0.4	0.4	24.6	<0.01	0.02	0.1
8		1.66	18.6	0.028	7.70	8.1	<0.001	0.01	0.39	4.1	0.3	0.5	16.8	<0.01	0.02	4.2
9		1.67	15.1	0.042	8.25	11.2	<0.001	0.01	0.36	3.3	0.3	0.5	18.3	<0.01	0.02	3.2
10		1.61	12.3	0.036	6.91	11.2	<0.001	0.01	0.27	3.4	0.2	0.5	15.3	<0.01	0.02	4.0



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Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.001	0.02	0.05	1	0.05	0.05	0.1	0.5
1		0.102	0.12	0.80	56	0.32	9.07	44.3	3.2
2		0.059	0.07	1.00	44	0.22	7.61	39.8	1.0
3		0.009	0.03	6.44	8	0.05	2.63	45.7	1.6
4		0.026	0.08	2.25	33	0.16	7.85	60.5	1.1
5		0.051	0.09	2.00	48	0.42	7.44	47.3	0.6
6		0.069	0.06	0.71	38	0.24	8.21	32.0	3.7
7		0.041	0.08	1.30	33	0.24	5.07	29.4	<0.5
8		0.070	0.09	0.69	51	0.36	4.09	37.2	1.3
9		0.071	0.07	0.55	51	0.31	3.30	44.3	1.1
10		0.072	0.07	0.63	43	0.25	3.92	33.7	2.1

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Signature: _____
 Chris Ramshaw, Vancouver Laboratory Manager

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