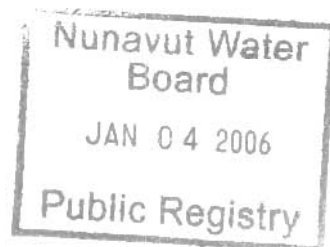


**UP AND DOWNSTREAM WATER SAMPLE
RESULTS – TUKTU CAMP AREA**



**INDIAN & NORTHERN AFFAIRS
CANADA****FACSIMILE MESSAGE**

TO: **Graham Gill**
COMPANY: **Diamonds North**
FAX: ~~(867) 777-3361~~ (604) 484-7143

OUR FILE #: **N2002C0023**
DATE: **November 25, 2004**

SENDER: **Kevin R. Glowa**

of PAGES: **8 (incl. cov.)**

RE: **TAKTU RIVER WATER SAMPLE RESULTS**

As discussed attached are the requested Water Sample Results taken in 2003 and 2004.

Any Question please feel free to give me a call.

Kevin

Kevin R. Glowa, Water Resources Officer
Indian and Northern Affairs Canada
P.O. Box 2100, Inuvik, NT X0E-0T0,
Direct: (867) 777-3662 Office General: (867)-777-3361, Fax: (867)-777-2090
E-mail: glowak@inac.gc.ca

This facsimile message has been sent to the above recipient(s), and may contain confidential information. If you have received it in error or if there are problems with the transmission, please notify the sender, as identified above.

**Taiga Environmental Laboratory**

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3

Tel: (867)-669-2788 Fax: (867)-669-2718

Standards Council of Canada
Accredited Laboratory
Scope of Accreditation 187Conseil canadien des normes
Laboratoire accrédité
Portée d'accréditation 187

TM

- FINAL REPORT -

Prepared For: Inuvik District Office
DIAND, Operations

Address: Box 2100

Inuvik, NT

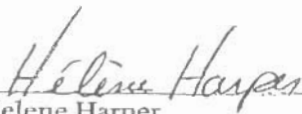
X0E 0T0

*Diamonds North
Looks good.*

Attn: Kevin Glowak

Facimile: (867) 777-2090

Final report has been reviewed and approved by:



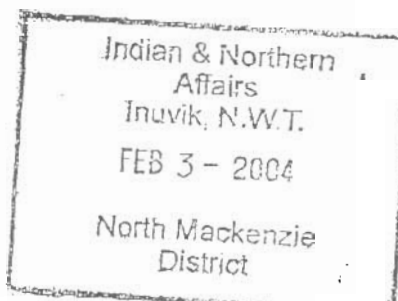
Helene Harper

Client Services Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Standards Council of Canada (SCC) as a testing laboratory for specific tests registered with the Council.
- Routine methods are based on recognized procedures from sources such as
 - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
 - Environment Canada
 - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

Report Date: Tuesday, January 27, 2004



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Taiga Environmental Laboratory

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3

Tel: (867)-669-2788 Fax: (867)-669-2718



- CERTIFICATE OF ANALYSIS -

Client Sample ID: CAMP *Diamonds North*

Taiga Sample ID: 232803

Client Project:

Sample Type: wastewater

Received Date: 21-Aug-03

Sampling Date: 18-Aug-03

Location: Holman

Report Status: FINAL

all looks good

Approved By

Helene Harper

Helene Harper

Client Services Officer

Test Parameter	Result	Detection Limit	Analysis Date	Analytical Method *	Qualifier
<u>Physicals</u>					
Alkalinity	114 mg/L	0.3 mg/L	26-Aug-03	SM2320:B	
Conductivity, Specific (25 C)	219 μ S/cm	0.3 μ S/cm	25-Aug-03	SM2510:B	
pH	8.30 pH units	0.05 pH units	25-Aug-03	SM4500-H:B	
Solids, Total Suspended	< 3 mg/L	3 mg/L	25-Aug-03	SM2540:D	
Turbidity	7.2 NTU	0.1 NTU	08-Sep-03	SM2130:B	
<u>Nutrients</u>					
Ammonia as N	0.000 mg/L	0.005 mg/L	29-Aug-03	SM4500-NH3:G	
Biological Oxygen Demand	mg/L	mg/L		SM5210:B	2
Phosphorous, Total	0.010 mg/L	0.004 mg/L	08-Sep-03	SM4500-P:D	
<u>Major Ions</u>					
Calcium	25.6 mg/L	0.05 mg/L	25-Aug-03	SM3111:B	
Chloride	2.0 mg/L	0.2 mg/L	28-Aug-03	SM4500-Cl:E	
Magnesium	14.3 mg/L	0.02 mg/L	25-Aug-03	SM3111:B	

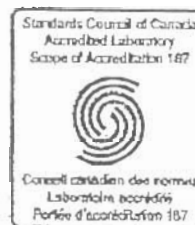
Report Date: Tuesday, January 27, 2004

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**Taiga Environmental Laboratory**

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Tel: (867)-669-2788 Fax: (867)-669-2718

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: CAMP

Taiga Sample ID: 232803

Potassium	0.41 mg/L	0.03 mg/L	26-Aug-03	SM3500-K:D
Sodium	0.88 mg/L	0.02 mg/L	25-Aug-03	SM3500-Na:D
Sulphate	3 mg/L	3 mg/L	26-Aug-03	SM4500-SO4:F

* Taiga analytical methods are based on the following standard analytical methods

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

- DATA QUALIFIERS -*Data Qualifier Descriptions:*

2 Holding time exceeded upon receipt of sample

Takfu (Diamonds Write)



Taiga Environmental Laboratory

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3

Tel: (867)-669-2788 Fax: (867)-669-2718



- FINAL REPORT -

Prepared For: Water Resources - Inuvik
DIAND

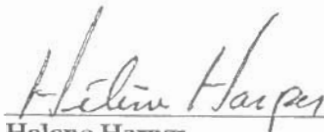
Address: Box 2100
Inuvik, NT
X0E 0T0

Attn: Kevin Glowa

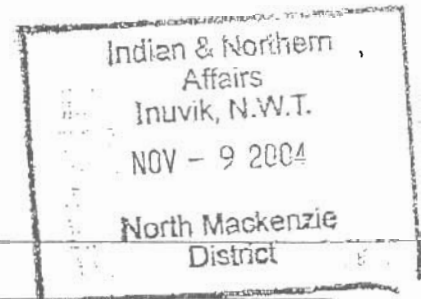
Facimile: (867) 777-2090

Takfu - Sample Taken from River
to East of Camp

Final report has been reviewed and approved by:



Helene Harper
Client Services Officer



NOTES:

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 - Environment Canada
 - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

Report Date: Thursday, November 04, 2004

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Taiga Environmental Laboratory

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Tel: (867)-669-2788 Fax: (867)-669-2718



- CERTIFICATE OF ANALYSIS -

Client Sample ID: Taktu

Taiga Sample ID: 242529

Client Project:

Sample Type: Unknown Water

Received Date: 31-Aug-04

Sampling Date: 28-Aug-04

Location: Taktu/Johnson Pt

Approved By

Helene Harper

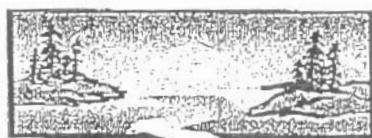
Client Services Officer

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Physicals</u>						
Conductivity, Specific	192	0.3	µS/cm	01-Sep-04	SM2510:B	
pH	8.11	0.05	pH units	01-Sep-04	SM4500-H:B	
Solids, Total Dissolved	102	10	mg/L	12-Sep-04	SM2540:C	
<u>Nutrients</u>						
Ammonia as N	< 0.005	0.005	mg/L	07-Sep-04	SM4500-NH3:G	
Nitrate+Nitrite as Nitrogen	< 0.01	0.01	mg/L	09-Sep-04	SM4110:B	
<u>Major Ions</u>						
Calcium	22.7	0.1	mg/L	09-Sep-04	SM4110:B	
Magnesium	12.4	0.1	mg/L	09-Sep-04	SM4110:B	
Potassium	0.3	0.1	mg/L	09-Sep-04	SM4110:B	
Sodium	0.8	0.1	mg/L	09-Sep-04	SM4110:B	
Sulphate	2	1	mg/L	09-Sep-04	SM4110:B	
<u>Subcontracted Routine/Nutrients</u>						

Report Date: Thursday, November 04, 2004

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CERTIFICATE OF ANALYSIS -

Client Sample ID: Taktu

Taiga Sample ID: 242529

Phosphorous, Total	< 0.05	0.05	mg/L	08-Sep-04	SM4500-P:D
<u>Metals, Total</u>					
Aluminum	33	30	µg/L	13-Sep-04	EPA200.8
Antimony	0.2	0.1	µg/L	13-Sep-04	EPA200.8
Barium	8.8	0.1	µg/L	13-Sep-04	EPA200.8
Beryllium	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Cadmium	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Cesium	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Chromium	1.4	0.3	µg/L	13-Sep-04	EPA200.8
Cobalt	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Copper	0.8	0.3	µg/L	13-Sep-04	EPA200.8
Iron	69	50	µg/L	13-Sep-04	SM3111:B
Lead	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Lithium	0.5	0.3	µg/L	13-Sep-04	EPA200.8
Manganese	2.1	0.1	µg/L	13-Sep-04	EPA200.8
Molybdenum	0.1	0.1	µg/L	13-Sep-04	EPA200.8
Nickel	0.5	0.1	µg/L	13-Sep-04	EPA200.8
Rubidium	0.2	0.1	µg/L	13-Sep-04	EPA200.8
Selenium	< 1	1	µg/L	13-Sep-04	EPA200.8
Silver	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Strontium	13.5	0.1	µg/L	13-Sep-04	EPA200.8

Report Date: Thursday, November 04, 2004

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**- CERTIFICATE OF ANALYSIS -****Client Sample ID:** Taktu**Taiga Sample ID:** 242529

Thallium	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Titanium	0.9	0.1	µg/L	13-Sep-04	EPA200.8
Uranium	0.2	0.1	µg/L	13-Sep-04	EPA200.8
Vanadium	< 0.1	0.1	µg/L	13-Sep-04	EPA200.8
Zinc	< 10	10	µg/L	13-Sep-04	EPA200.8