

TAIGA ENVIRONMENTAL LABORATORY
Dept. Indian Affairs & Northern Development
4601-52 nd Ave., Box 1500
Yellowknife, NT. X1A 2R3
Tel. (403) 669-2788
Fax: (403) 669-2718

To: NUNAVUT
WATER RESOURCES, NAP, DIAND
BOX 100
IQALUIT NT X0A 0H0
PAUL SMITH

SAMPLE INFORMATION

RECEIVED

Our Lab#: 971430
Your Sample ID: 1191-1
Sample Matrix: WATER GRAB

Account No:

SEP 11 1997

D.I.A.N.D.

IQALUIT, NT

Collection:

Location: HAMLET OF B
Date: 8/6/97
By: PSMITH

Received Date: 11-August-1997

Report Date: 03-Sep-97

Approved By: W. Smith

- SAMPLE ANALYSIS REPORT -

Lab#	Test	Result	Units	Detection Limit	Analysis Date	Analytical Method
971430						
	pH	6.97	pH	0.05	8/8/98	010301
	Fluoride	0.07	mg/L	0.05	8/13/97	009105
	- Conductivity	177	uS/cm	0.3	8/8/97	02041
	- Alkalinity	8.0	mg/L	0.3	8/8/97	010101
	- Calcium	3.09	mg/L	0.03	8/15/97	20103
	Magnesium	3.53	mg/L	0.005	8/15/97	012102
	Sodium	20.5	mg/L	0.02	8/15/97	011102
	Potassium	1.16	mg/L	0.002	8/15/97	019106
	Chloride	39.7	mg/L	0.08	8/20/97	17206
	Turbidity	2.9	NTU	0.1	8/8/97	002081
	Tot-Suspended-Solids	13	mg/L	3	8/11/97	grav
	Tot-Diss-Solids	100	mg/L	10.0	8/11/97	grav
	Tot-Mercury(water)	10.001	ug/L	0.01	9/2/97	080314
	Tot-Arsenic(water)	10.2	ug/L	0.2	8/12/97	hydride

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Tot-Cadmium(ICP-MS)	LO.1	ug/L	0.1	8/12/97	ICP-MS
Tot-Cobalt(ICP-MS)	LO.1	ug/L	0.1	8/12/97	ICP-MS
Tot-Chromium(ICP-MS)	L2	ug/L	2.0	8/12/97	ICP-MS
Tot-Copper(ICP/MS)	1.2	ug/L	0.1	8/12/97	ICP-MS
Tot-Manganese(ICP-MS)	3.6	ug/L	0.1	8/12/97	ICP-MS
Tot-Iron(AA)	0.037	mg/L	0.012	8/13/97	ICP-MS
Tot-Nickel(ICP-MS)	LO.1	ug/L	0.1	8/12/97	ICP-MS
Tot-Lead(ICP-MS)	LO.2	ug/L	0.2	8/12/97	ICP-MS
Tot-Zinc(ICP-MS)	11.4	ug/L	0.5	8/12/97	ICP-MS
Colour	5.00		5.00	8/8/97	02021

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IQUALUIT NT X0A 0H0
PAUL SMITH

SAMPLE INFORMATION

RECEIVED

Our Lab#: 971431
Your Sample ID: 1191-2
Sample Matrix: EFFLUENT GR

Account No: SEP 11 1997
DIAND
IQUALUIT NT

Collection:

Location: HAMLET OF B
Date: 8/8/97
By: PSMITH

Received Date: 11-August-1997

Report Date: 03-Sep-97

Approved By: W. Smith

- SAMPLE ANALYSIS REPORT -

Lab#	Test	Result	Units	Detection Limit	Analysis Date	Analytical Method
971431						
	pH	7.45	pH	0.05	8/8/98	010301
	Conductivity	108	uS/cm	0.3	8/8/97	02041
	Alkalinity	35.6	mg/L	0.3	8/8/97	010101
	Calcium	10.8	mg/L	0.03	8/15/97	20103
	Magnesium	1.56	mg/L	0.005	8/15/97	012102
	Sodium	7.23	mg/L	0.02	8/15/97	011102
	Potassium	1.48	mg/L	0.002	8/15/97	019106
	Chloride	7.87	mg/L	0.08	8/20/97	17206
	Turbidity	6.1	NTU	0.1	8/8/97	002081
	Tot-Suspended-Solids	4	mg/L	3	8/11/97	grav
	Tot-Diss-Solids	76.0	mg/L	10.0	8/11/97	grav
	Tot-Mercury(water)	10.001	ug/L	0.01	9/2/97	080314
	Tot-Arsenic(water)	0.7	ug/L	0.2	8/12/97	hydride
	Tot-Cadmium(ICP-MS)	10.1	ug/L	0.1	8/12/97	ICP-MS

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X0A 0H0

971431

Tot-Cobalt(ICP-MS)	10.1	ug/L	0.1	8/12/97	ICP-MS
Tot-Chromium(ICP-MS)	1.2	ug/L	2.0	8/12/97	ICP-MS
Tot-Copper(ICP/MS)	3.0	ug/L	0.1	8/12/97	ICP-MS
Tot-Manganese(ICP-MS)	94.2	ug/L	0.1	8/12/97	ICP-MS
Tot-Iron(AA)	1.08	mg/L	0.012	8/13/97	ICP-MS
Tot-Nickel(ICP-MS)	0.8	ug/L	0.1	8/12/97	ICP-MS
Tot-Lead(ICP-MS)	10.2	ug/L	0.2	8/12/97	ICP-MS
Tot-Zinc(ICP-MS)	1.5	ug/L	5.0	8/12/97	ICP-MS
NO3-N+NO2-N	0.484	mg/L	0.008	8/21/97	07110
Ammonia-N	0.027	mg/L	0.002	8/13/97	007562
Tot-Coliforms	1300	CFU/dL	1	8/8/97	036002
Faecal_Coliform	31	CFU/dL	1	8/12/97	036014
Bio-Oxy-Demand	8	mg/L	2	8/13/97	08208
Colour	45.0		5.00	8/8/97	02021