

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date December 26, 19 87

MISCELLANEOUS FIELD NOTES

Canada, F1 1635 Pc cc

Conditions: free flowing, no ice, high flow -
water flowing over spillway,
probes o.k.

inside outside

1640 2.21 2.19
8.54 8.0 wt
26.45 28.3 sc

ph = 7.83

Nitrogen good

Batteries okay

CR10 time okay

Water quality samples taken @ 1635

Discharge measurement w/ Pygmy meter

outside inside

1715 2.19

1745 2.18 2.18

Q = 4.03 cfs

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in vertical			
LEW	3.0		0		0	40	time	stage			
	3.5		0.15				171	5	2.19		
	4.0		.22		0	40					
	4.5		.22		13	50					
	5.0		.30		15	40					
	5.5		.30		42	40					
	5.8		.33		78	40					
	6.1		.35		73	40					
	6.4		.35		58	40					
	6.7		.35		85	40					
	7.0		.35		73	40					
	7.3		.35		51	40					
	7.6		.37		84	40					
	7.9		.40		107	40					
o	8.2		.41		79	40					
	8.5		.45		67	40					
	8.8		.45		87	40					
	9.1		.45		56	40					
	9.4		.42		85	40					
	9.7		.38		73	40					
	10.0		.35		72	40					
	10.5		.32		40	40					
	11.0		.30		46	40					
	11.5		.25		36	40					
	12.0		.20		26	40					
	12.5		.15		5	40					
	13.0		.10		0	40					
REW	14.1						1745		2.18		