U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date January 11, 1998

MISCELLANEOUS FIELD NOTES

Lawson Creek, B3 1725 KL, CC

Conditions: good condition, free flowing.

Top of rebar

	inside	outside	7.80
1730	6.336	1.40 (6.40)	
		4.50 wt.	
		21.3 µV S.C.	

CR10 time good
Nitrogen 1400 psi Feed 10 psi
Batteries 13.27 good
Flume Measurement @ 1800
upstrm
dnstrm

inside	outside
6.3125	1.43 (6.37)

~~Water quality samples taken @ 1715~~

Note: water temperature probe broken

No. _____ of _____ sheets

9-275-F
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No. 35

WATER RESOURCES DIVISION

Comp. by. KDL

Sta. No. .....

DISCHARGE MEASUREMENT NOTES

Checked by KDL

Lawson Cr @ 133

Date 1-11 ....., 19 98 ..... Party KDL CC .....

Width 3.4 ..... Area 0.730 ..... Vel. 0.570 ..... G. H. ..... Disch. 0.42 .....

Method 0.6 ..... No. secs. 12 ..... G. H. change ..... in ..... hrs. Susp. .....

Method coef. ..... Hor. angle coef. ..... Susp. coef. ..... Meter No. .....

Type of meter Pygmy ..... Date rated ..... Tag checked .....

Meter ..... ft. above bottom of wt. Spin before meas. ..... after .....

Meas. plots ..... % diff. from ..... rating. Levels obtained. no .....

GAGE READINGS

Time		Inside	ADR	Graphic	Outside
1810		6.31			6.41
1840		6.28			6.40
				7.80	
				1.40	
				6.40	
Weighted M.G.H.					
G. H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ..... Yes ..... Time .....

Samples Collected

No ..... Yes ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

SEDIMENT SAMPLES

No ..... Yes ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

BIOLOGICAL SAMPLES

Yes ..... Time .....

No ..... Type .....

Check bar. chain found ..... changed to ..... at .....

Wading, cable, ice, boat, upstr., downstr., side bridge. 300 feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow. Good. EVEN Steady

Cross section sand bottom depths - uniform

Control fine

Gage operating OK ..... Weather .....

Intake/Orifice cleaned ..... Air ..... °C@ ..... Water ..... °C@ .....

Record removed ..... Extreme Indicator: Max. ..... Min. .....

Manometer N_2 Pressure Tank 1200 ..... Feed 10 ..... Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks This Measurment was done because flow measurment was not possible

G.H. of zero flow ..... ft. Sheet No. 1 ..... of 1 ..... sheets

River at—

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Adjusted for hor. angle or	Area	Discharge
	LEW @		1825								
	1.1		0		0	40					
	1.5		0.22		15	57					
	1.75		0.25		30	43					
	2.0		0.26		30	43					
	2.25		0.27		30	44					
	2.5		0.27		30	43					
	2.75		0.25		30	44					
	3.1		0.25		20	44					
	3.4		0.25		20	46					
	3.8		0.25		30	41					
	4.2		0.15		5	54					
	4.5		0		0	40					
	REW @		1835								
⊙											

.0 .10 .20 .30 .40 .50 .60 .70 .75

.80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85 .80

.0 .10 .20 .30 .40 .50 .60 .70 .75