

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 11/15, 1999

MISCELLANEOUS FIELD NOTES

B4, Lyons Cr.

M6, EC

- reset CR10 time to 1547
- swapped N₂ tank
- control is well frozen, orifice + sensors
- warm dry, lots of dripping off the glacier
- will not try to remove ice - too risky here
- swapped SM @ 1549

*6: stage: 36.01

Volts: 13.48

WT: -1.39

SC: 16.22

N₂ high = 1875 psi

feed = 18 psi

opened gauge!

- took ice sample

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
	1.1	0.15			LEW@	1542					
	1.4	0.30	0.35	.6	110	42		2.55		.105	.268
	1.7	0.30	0.59		130	43		2.93		.177	.519
	2.0	0.30	0.39		120	40		2.78		.117	.325
	2.3	0.30	0.41		130	42		3.00		.123	.369
	2.6	0.30	0.36		80	40		1.95		.108	.211
	2.9	0.30	0.30		20	57		0.368		.090	.0331
	3.2	0.30	0.26	3	50		0.089		.078	.0069	
	3.5	0.30	0.14	30	48		0.631		.042	.0265	
	3.8	0.35	0.14	40	51		0.596		.049	.0292	
	4.2	0.45	0.11	40	41		0.968		.0495	.0479	
	4.7	0.25	0		REW@	1610	0		0	0	
	3.60	3.60					1.96		.938	1.84 cfs	
0											1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80