

LEVEL NOTES

Stream Cady Stream @ F1

Locality Lake Fryxall, Antarctica

Party MG EC

Date 12/7/99

STATION	B.S.	H.T. INST.	F.S.	ELEV.	REMARKS
Rm3	5.080	12.483		7.403	flat grey rock GO' SSE of well
Rm4			5.588	6.945	rounded boulder 113' SE of well (6.946')
RPI			9.938	2.545	bolt on staff plate
			8.970	3.513	upstream left corner
			8.942	3.541	upstream right corner
			11.485	0.998	orifice
			8.980	3.503	dwnstrm. left corner
			8.980	3.503	dwnstrm rgt. corner
			10.890	1.593	T.P
	10.625	12.218			T/P
			11.195	1.023	orifice nut
RPI			9.678	2.540	bott staff plate
RM4			5.262	6.956	
RM3			4.815	7.403	
				E/c = 0.000	
(*)	orifice nut moved during levels. Staff was pushed down on it and it moved down, it was manually pulled back up, and now has a new, higher elevation.				

@ 1345

$$IG = 1.24$$

$$WT = 6.41$$

$$SC = 30.64$$

$$\psi = 13.9$$

@ 1500

$$IG = 1.29$$

$$WT = 7.73$$

$$SC = 31.7$$

$$\psi = 13.8$$

$$OG = 0.24$$

$$WT_m = 7.0$$

$$SC_m = 41 \mu S$$

stream channel and isotope
samples taken @ 1500

1505 - PF means

main channel

$$US = 0.21$$

$$DS = 0.09$$

$$Q = 0.245 \text{ cfs}$$

trickle side flow

$$@ 1510, OG = 0.24$$