

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date Dec 11 @ 1615, 1999

MISCELLANEOUS FIELD NOTES

Andersen Stn. @ H1

EC

Stream Chem Taker @ 1618 hrs.

Conduct = 44 μ S

Temp = ??

Isotope bottle # 41

pH = 7.86

LEVEL NOTES

Stream Anderson @ H1
 Locality Lt Horn, Antarctica
 Party MB, EC, JM Date 12/11/99

STATION	B.S.	HT. INST.	F.S.	ELEV.	REMARKS
RM1	0.338	9.906		9.568	Rock bolt 7.25' US on left
RM2		9.921	6.491	3.415	bolt in rock just US of line (1.830)
			6.440	3.166	US R corner
			6.439	3.467	US L corner
			8.913	0.983 ^{1.01}	orifice
			6.432	3.474	DS R corner
			6.433	3.473	DSL corner
	6.440	9.915	6.449	3.466	TP
			8.926	0.989	orifice
			6.502	3.413	RM2
			0.340	9.575	RM1
				E/C = 0.007	
					Yuck!

At 1015, $IG = 1.6$

but sediment in flume, $OG = 0.25$
after clearing flume,

$IG = 1.38$

$OG = 0.25$ still.

~~@1030~~

running levels today.

@1109

$IG = 1.36$

$OG = 0.25$

$WT = 0.83$ (?)

$WT_m = 4.10^\circ C$?

$SC = 16.4$

$SC_m = 40 \mu s$

$V = 13.7$

@1045, $OG = 0.25$

PF: $US = 0.255'$

$DS = 0.115'$

@1050: $IG = 1.45$ $Q = 0.337$ cfs
 $AT = 11.01^\circ C$
 $WT = 0.92^\circ C$
 $SC = 15.03$
 $V = 13.7$