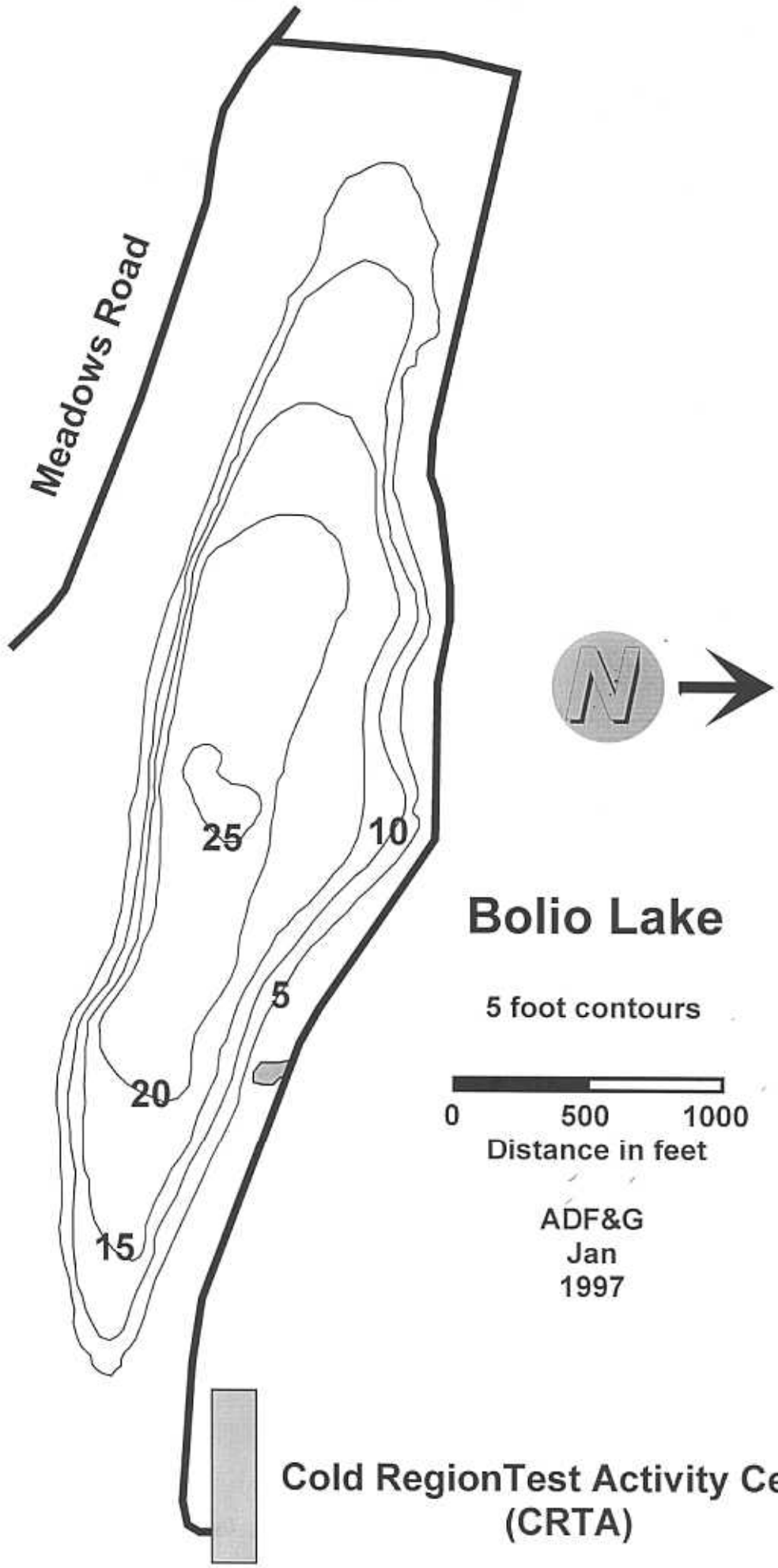

Meadows Road
25
10
5
20
15
N
Bolio Lake
5 foot contours
0
500
1000
Distance in feet
ADF&G
Jan
1997
Cold RegionTest Activity Center
(CRTA)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, SALT LAKE CITY, UTAH

WATER QUALITY ANALYSIS
LAB ID # 192030 RECORD # 27522

PROVISIONAL RECORDS
SUBJECT TO REVISION

LE LOCATION: L DONNA LK NP OOT LAKE AK
ION ID: 634545144532000 LAT.LONG.SEQ.: 634545 1445320 00
OF COLLECTION: BEGIN--750609 END-- TIME--1515
TY CODE: 090 PROJECT IDENTIFICATION: 78
TYPE: 2 SOURCE: LAKE OR RESERVOIR GEOLOGIC UNIT:
ENTS:
OC SAMPLES LOST BOTTLES F-12 NO TOC RECEIVED

TOT (AS CACO3)	MG/L	11	NITROGEN TOT ORG N	MG/L	0.64
INUM TOTAL	UG/L	100	NITROGEN TOTKJD AS N	MG/L	0.67
RBONATE	MG/L	13	NO2 + NO3 AS N TOT	MG/L	0.18
N TOTAL	UG/L	30	NO2+NO3 AS N DISS	MG/L	0.07
IUM DISS	MG/L	3.4	PHOS ORTHO DIS AS P	MG/L	0.01
ON TOT ORGANIC	DETR.	DELETED	PHOSPHATE DIS ORTHO	MG/L	0.03
RIDE DISS	MG/L	0.9	PHOSPHORUS TOT AS P	MG/L	0.03
LT TOTAL	UG/L <	50	POTASSIUM DISS	MG/L	0.9
R		20	RESIDUE DIS CALC SUM	MG/L	16
ER TOTAL	UG/L	40	RESIDUE DIS TON/ACFT		0.04
RIDE DISS	MG/L	0.1	RESIDUE DIS TON/DAY		891
NESS NONCARB	MG/L	3	RESIDUE DIS 180C	MG/L	33
NESS TOTAL	MG/L	13	SAR		-0.1
DISSOLVED	UG/L	50	SILICA DISSOLVED	MG/L	0.1
ESIUM DISS	MG/L	1.2	SODIUM DISS	MG/L	0.6
ANESE DISSOLVED	UG/L	10	SODIUM PERCENT		8
BDENUM TOTAL	UG/L	0	SP. CONDUCTANCE LAB		31
OGEN NH4 ASN TOT	MG/L	0.03	STREAMFLOW(CFS)-INST		9999
OGEN TOT AS N	MG/L	0.85	SULFATE DISS	MG/L	1.8
OGEN TOT AS NO3	MG/L	3.8	WATER TEMP (DEG C)		16.7
			ZINC TOTAL	UG/L	10

CATIONS

	(MG/L)	(MEQ/L)
IUM DISS	3.4	0.170
ESIUM DISS	1.2	0.099
SSIUM DISS	0.9	0.024
JM DISS	0.6	0.027
TOTAL		0.317

ANIONS

	(MG/L)	(MEQ/L)
BICARBONATE	13	0.214
CHLORIDE DISS	0.9	0.026
FLUORIDE DISS	0.1	0.006
SULFATE DISS	1.8	0.038
NO2+NO3 AS N D	0.07	0.005
TOTAL		0.286

PERCENT DIFFERENCE = 5.18