

SKELETON LAKE

TOWNSHIP - WATT, CARDWELL, STISTON

DISTRICT - BRACEBRIDGE

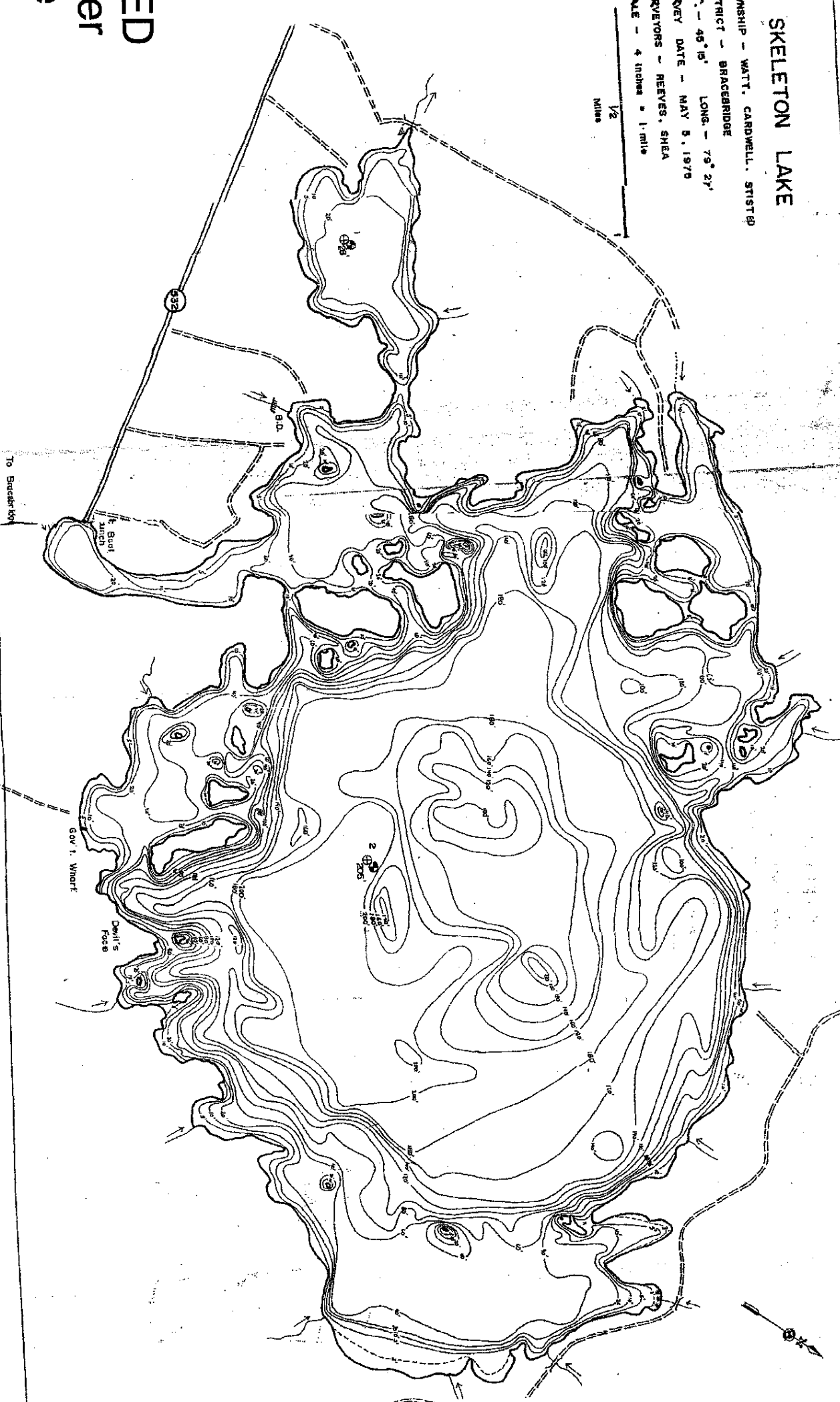
LAT. - 46° 18' LONG. - 79° 21'

SURVEY DATE - MAY 8, 1970

SURVEYORS - REEVES, SHEA

SCALE - 4 inches = 1 mile

1/2
Miles



REDUCED
No Longer
to Scale

(LAT - 45-15 LONG - 79-27)

SKELETON LAKE

STATION # - 2
 TIME - 18:00
 DATE - 1973/06/18

SECCHI - 7.6 M
 SURFACE - RIPPLED
 COLOUR - YELLOW-BROWN (2)

AIR TEMP - 22.8 C
 CLOUD - 60 %

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	20.0	---	---	---	---	---
1.5	20.0	9.2	6.7	20.5	21.0	39.0
3.1	18.9	---	---	---	---	---
4.6	16.9	9.2	6.7	20.5	20.0	37.0
6.1	13.3	---	---	---	---	---
7.6	12.2	---	---	---	---	---
8.5	11.7	10.4	6.5	20.5	20.0	41.0

STATION # - 5
 TIME - 10:25
 DATE - 1975/08/18

SECCHI - 10.8 M
 SURFACE - ROUGH
 COLOUR - BLUE-GREEN (3)

AIR TEMP - 21.7 C
 CLOUD - 30 %

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	19.4	---	---	---	---	---
1.5	19.4	7.4	7.5	13.7	20.0	35.0
3.1	19.4	---	---	---	---	---
4.6	18.9	---	---	---	---	---
6.1	18.9	---	---	---	---	---
7.6	18.9	---	---	---	---	---
8.5	18.9	---	---	---	---	---
9.2	17.8	---	---	---	---	---
9.5	14.4	9.2	7.5	13.7	20.0	35.0
10.7	8.3	---	---	---	---	---
12.2	7.8	---	---	---	---	---
18.3	5.0	---	---	---	---	---
24.4	3.9	---	---	---	---	---
30.5	3.9	---	---	---	---	---
59.5	3.9	7.0	7.0	13.7	17.0	35.0

STATION # - 6
 TIME - 12:15
 DATE - 1975/08/18

SECCHI - 6.4 M
 SURFACE - ROUGH
 COLOUR - BLUE-GREEN (3)

AIR TEMP - 18.3 C
 CLOUD - 40 %

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	20.6	---	---	---	---	---
1.5	20.0	7.2	7.5	13.7	22.0	40.0
3.1	20.0	---	---	---	---	---
4.0	20.0	10.6	7.5	13.7	23.0	40.0

SKELETON LAKE

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
16.8	7.8	--	--	--	--	--
18.3	7.2	--	--	--	--	--
19.8	6.7	--	--	--	--	--
21.4	6.1	--	--	--	--	--
22.9	5.6	--	--	--	--	--
24.4	5.0	--	--	--	--	--
25.9	5.0	--	--	--	--	--
27.5	4.4	--	--	--	--	--
29.0	4.4	--	--	--	--	--
30.5	4.4	--	--	--	--	--
32.0	4.4	9.0	6.5	17.1	23.0	34.0
33.6	4.4	--	--	--	--	--

STATION # - 1
 TIME - 16:20
 DATE - 1973/06/18

SECCHI SURFACE COLOUR - 9.2 M (2)
 - RIPPLED (2)
 - BLUE-GREEN (3)

AIR TEMP - 25.6 C
 CLOUD - 40 %

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	18.9	--	--	--	--	--
1.5	17.8	9.4	6.7	20.5	20.0	40.0
3.1	17.2	--	--	--	--	--
4.6	16.9	11.0	6.6	20.5	20.0	36.0
6.1	16.4	--	--	--	--	--
7.6	12.2	--	--	--	--	--
9.2	8.9	--	--	--	--	--
10.7	8.3	--	--	--	--	--
12.2	7.5	--	--	--	--	--
13.7	6.9	--	--	--	--	--
15.3	6.4	--	--	--	--	--
16.8	6.1	--	--	--	--	--
18.3	5.6	--	--	--	--	--
21.4	5.6	--	--	--	--	--
24.4	5.6	--	--	--	--	--
27.5	5.3	--	--	--	--	--
30.5	5.0	--	--	--	--	--
36.6	5.0	--	--	--	--	--
42.7	5.0	--	--	--	--	--
48.8	5.0	--	--	--	--	--
54.9	4.7	--	--	--	--	--
61.0	4.7	--	--	--	--	--
64.7	4.4	10.8	6.5	20.5	21.0	42.0

SKELETON LAKE

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
4.6	20.0	--	--	--	--	--
6.1	20.0	--	--	--	--	--
6.4	20.0	7.4	7.5	13.7	24.0	40.0
7.6	20.0	--	--	--	--	--

FISH SPECIES:

DEPTH (M)	AREA (HA)	DEPTH (M)	AREA (HA)	DEPTH (M)	AREA (HA)	DEPTH (M)	AREA (HA)
0.0	2157.2	18.3	1227.6	42.7	737.3	737.3	737.3
1.5	2082.8	24.4	1146.5	48.8	526.0	526.0	526.0
3.1	1796.1	30.5	1052.5	54.9	373.7	373.7	373.7
6.1	1678.8	36.6	927.5	61.0	131.7	131.7	131.7
12.2	1450.6						

L. Trout
 Lg. n. Grass
 L. Whitefish
 Yellow perch
 K. Herring
 Pinkish smelt
 121
 Wt. Sucker
 193
 Lk. Gull
 185
 Burbot
 208
 Creek Gull
 212
 Burbot
 271
 Trench-perch
 291

ATHYNETRY:

SKELETON LAKE

LATITUDE - 45-15 LONGITUDE - 79-27 TOWNSHIP - WATT
 WATERSHED - 2EB07 ELEVATION - 281 M

BASIN AND TERRAIN CHARACTERISTICS:

SURF. AREA - 2155.5 HA PERIMETER - 36.4 KM PROJECT - X1762165
 MAX. DEPTH - 64.7 M ISLAND SL - 14.6 KM LIT. ZONE - 22 %
 MEAN DEPTH - 28.9 M COTTAGES - 3308 RESORTS - 4
 NEI - 0.9 CROWN - 0 %

WATER CHEMISTRY DATA:

STATION # - 4
 TIME -
 DATE - 1968/08/20

AIR TEMP - 19.4 C
 CLOUD - 0 %

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	20.0	8.0	7.0	17.1	--	--
1.5	20.0	--	7.0	17.1	--	--
3.1	20.0	8.8	7.0	17.1	--	--
4.6	19.7	8.2	7.0	17.1	--	--
6.1	19.7	8.4	7.0	17.1	--	--
7.6	19.4	8.0	7.0	17.1	--	--
8.5	19.4	--	--	--	--	--

STATION # - 3
 TIME - 12:00
 DATE - 1971/09/16

AIR TEMP - 22.2 C
 CLOUD - 100 %

SECCHI SURFACE COLOUR - 9.9 N
 RIPPLED (2)
 COLOURLESS (1)

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	20.0	--	--	--	--	--
1.5	20.0	11.0	7.0	17.1	22.0	34.0
3.1	19.4	--	--	--	--	--
4.6	20.6	--	--	--	--	--
6.1	20.6	--	--	--	--	--
7.6	19.4	--	--	--	--	--
9.2	19.4	--	--	--	--	--
10.7	16.7	--	--	--	--	--
12.2	10.6	10.0	7.0	17.1	23.0	34.0
13.7	9.4	--	--	--	--	--
15.3	8.3	--	--	--	--	--

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FAX

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