

DEPARTMENT OF NATURAL RESOURCES  
LAKE SURVEY

FIELD # PAR  
DATE 2-16-77  
TIME 11:05

LAKE PARTRIDGE LAKE COUNTY WAUPACA T<sub>N</sub> 21N R 13E SEC. 23

SAMPLE LOCATION DEEPEST AREA

WIND DIR. & INTEN. \_\_\_\_\_

SAMPLE TYPE KEMMER

CLOUD COVER \_\_\_\_\_

SAMPLE VOLUME \_\_\_\_\_

WATER SURF. COND. \_\_\_\_\_

CHLORO. a \_\_\_\_\_

TURBIDITY \_\_\_\_\_

BIOMASS \_\_\_\_\_

SAMPLE DEPTH 1 m

PRESERVATIVE/CONC. \_\_\_\_\_

FIELD REMARKS:

LAB DATA

TOT. ALKALINITY (Ca CO<sub>3</sub>) \_\_\_\_\_

TOT. - P \_\_\_\_\_

HARDNESS (AS Ca CO<sub>3</sub>) \_\_\_\_\_

SOL. - P \_\_\_\_\_

CHLOROPHYLL a \_\_\_\_\_

TOT. ORG. - N \_\_\_\_\_

BIOMASS - VOL SOLIDS \_\_\_\_\_

AMMONIA - N \_\_\_\_\_

Ca \_\_\_\_\_

NO<sub>2</sub>-N+NO<sub>3</sub>-N \_\_\_\_\_

Mg \_\_\_\_\_

K \_\_\_\_\_

Na \_\_\_\_\_

SO<sub>4</sub> \_\_\_\_\_

COLLECTED BY DRH, DCW



LOCATION 693027 DATE 770216 TIME 1105 DEPTH M001 ACCOUNT-# 081440 LAB-SLIP-# 052546 END-DATE END-TIME  
 PARTRIDGE LAKE DEEPEST PART-EP

TEST-#	STORET-#	TEST--NAME--AND--UNITS	TEST-VALUE
		EXTRA INFORMATION ABOUT SAMPLE: HELF	
		EXTRA INFORMATION ABOUT SAMPLE: S#PAR	
131	00010	WATER TEMP	CENT 4
091	00300	DO	MG/L 10.4
096	00400	PH	SU 7.1
032	00916	CALCIUM CA-TOT	MG/L 42
076	00927	MGNSIUM MG, TOT	MG/L 21
101	00937	PTESIUM K, TOT	MG/L 2
113	00929	SODIUM NA, TOT	MG/L 3
116	00945	SULFATE SO4-TOT	MG/L 12
097	00403	LAB PH	SU 7.6
100	00565	PHOS-TOT	MG/L P 0.2
136	00671	PHOS-DIS ORTHO	MG/L P <.004
088	00605	ORG N	N MG/L 0.3
086	00610	NH3-N	TOTAL MG/L 0.17
085	00630	NO2&NO3 N-TOTAL	MG/L 1.23
002	00410	T ALK CACO3	MG/L 178
035	00940	CHLORIDE CL	MG/L 1
114	00095	CNDUCTIVY AT 25C	MICROMHO 310
068	00900	TOT HARD CACO3	MG/L 192
119	00076	TURB TRBIDMTR	HACH FTU 1.0



DEPARTMENT OF NATURAL RESOURCES  
LAKE SURVEY

FIELD # Par

DATE 5-9-77

TIME 1:45

LAKE Partridge COUNTY Waupaca TN \_\_\_\_\_ R \_\_\_\_\_ SEC. \_\_\_\_\_

SAMPLE LOCATION \_\_\_\_\_

WIND DIR. & INTEN. \_\_\_\_\_ SAMPLE TYPE KEMMER

CLOUD COVER \_\_\_\_\_ SAMPLE VOLUME \_\_\_\_\_

WATER SURF. COND. \_\_\_\_\_ CHLORO. a \_\_\_\_\_

TURBIDITY \_\_\_\_\_ BIOMASS \_\_\_\_\_

SAMPLE DEPTH \_\_\_\_\_ PRESERVATIVE/CONC. \_\_\_\_\_

FIELD REMARKS:  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

LAB DATA

TOT. ALKALINITY (Ca CO <sub>3</sub> )	_____	TOT. - P	_____
HARDNESS (AS Ca CO <sub>3</sub> )	_____	SOL. - P	_____
CHLOROPHYLL a	_____	TOT. ORG. - N	_____
BIOMASS - VOL SOLIDS	_____	AMMONIA - N	_____
Ca	_____	NO <sub>2</sub> -N+NO <sub>3</sub> -N	_____
Mg	_____	K	_____
Na	_____	SO <sub>4</sub>	_____

COLLECTED BY \_\_\_\_\_



LOCATION 693027 DATE 770509 TIME 1345 DEPTH M621 ACCOUNT-# 081440 LAB-SLIP-# 071102 END-DATE END-TI  
 PARTRIDGE LAKE DEEPEST PART-EP

TEST-#	STORET-#	TEST--NAME--AND--UNITS	TEST-VALUE
		EXTRA INFORMATION ABOUT SAMPLE: HELF	
		EXTRA INFORMATION ABOUT SAMPLE: S#PAR	
131	00010	WATER TEMP	CENT 15
091	00300	DO	MG/L 13.5
032	00916	CALCIUM CA-TOT	MG/L 40
076	00927	MGNSIUM MG,TOT	MG/L 18
101	00937	PTSSIUM K,TOT	MG/L 1.7
113	00929	SODIUM NA,TOT	MG/L 5
116	00945	SULFATE SO4-TOT	MG/L 25
097	00403	LAB PH	SU 8.5
100	00665	PHOS-TOT	MG/L P 30
136	00671	PHOS-DIS ORTHO	MG/L P 184
088	00605	ORG N	N MG/L 1.1
086	00610	NH3-N	TOTAL MG/L <.02
085	00630	NO2&NO3	N-TOTAL MG/L <.02
002	00410	T ALK	CACO3 MG/L 146
035	00940	CHLORIDE	CL MG/L 5
114	00095	CNDUCTVY	AT 25C MICRONHO 35%
068	00900	TOT HARD	CACO3 MG/L 176
119	00076	TURB	TURBIDMTR EACH FTU 5.4





DEPARTMENT OF NATURAL RESOURCES  
LAKE SURVEY

FIELD # PAR

DATE 8.25.77

TIME 11:35

LAKE PARTRIDGE COUNTY WAUPACA TN     R     SEC.    

SAMPLE LOCATION MIDDLE OF EAST END

WIND DIR. & INTEN. SSE MODERATE SAMPLE TYPE KEMMER

CLOUD COVER PARTLY CLOUDY SAMPLE VOLUME    

WATER SURF. COND. 6" 8" CHLORO. a    

TURBIDITY     BIOMASS    

SAMPLE DEPTH 1 METRE PRESERVATIVE/CONC.    

FIELD REMARKS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LAB DATA

TOT. ALKALINITY (Ca CO <sub>3</sub> )	_____	TOT. - P	_____
HARDNESS (AS Ca CO <sub>3</sub> )	_____	SOL. - P	_____
CHLOROPHYLL a	_____	TOT. ORG. - N	_____
BIOMASS - VOL SOLIDS	_____	AMMONIA - N	_____
Ca	_____	NO <sub>2</sub> -N+NO <sub>3</sub> -N	_____
Mg	_____	K	_____
Na	_____	SO <sub>4</sub>	_____

\* COLLECTED BY \_\_\_\_\_

OXYGEN, TEMPERATURE

DEPTH IN

DEPTH TEMP. O<sub>2</sub>

<u>1</u>	<u>20.2</u>	<u>8.4</u>
<u>2</u>	<u>-</u>	<u>-</u>

FIELD DATA

CONDUCTIVITY

pH 8.9

SECCHI DISK

MAXIMUM DEPTH

COLLECTION DATE

DEPTH 1 METERS

DEPTH 1 "

0.5 "

8-25-77

LOCATION 693027 DATE 770825 TIME 1135 DEPTH M001 ACCOUNT-# 081440 LAB-SLIP-# 016758 END-DATE END-TIME  
 PARTRIDGE LAKE DEEPEST PART-EP

TEST-#	STORET-#	TEST-NAME-AND-UNITS	TEST-VALUE
		EXTRA INFORMATION ABOUT SAMPLE: HELF	
		EXTRA INFORMATION ABOUT SAMPLE: S#PAR	
131	00010	WATER TEMP	20.2
091	00300	DO	8.4
096	00400	PH	8.9
132	00078	TRANSP SECCHI METERS	0.5
032	00916	CALCIUM CA-TOT	36
076	00927	MGNISIUM MG,TOT	22
101	00937	POTASSIUM K,TOT	1.1
113	00929	SODIUM NA,TOT	4
116	00945	SULFATE SO4-TOT	6
097	00403	LAB PH	7.9
100	00665	PHOS-TOT	0.09
136	00671	PHOS-DIS ORTHO	<.004
088	00605	ORG N	1.2
086	00610	NH3-N TOTAL	<.02
085	00631	NO2&NO3 N-DISS M	<.02
002	00410	T ALK CACO3	160
035	00940	CHLORIDE CL	4
114	00095	CNDUCTVY AT 25C	310
068	00900	TOT HARD CACO3	180
119	00076	TURB TREIDMTR HACH FTU	7.1



DEPARTMENT OF NATURAL RESOURCES  
LAKE SURVEY

FIELD # \_\_\_\_\_

DATE 10-24-77

TIME 12:5

LAKE PARTRIDGE COUNTY WAUPACA TN \_\_\_\_\_ R \_\_\_\_\_ SEC. \_\_\_\_\_

SAMPLE LOCATION DEEPEST PART

WIND DIR. & INTEN. S.W. 5-10

SAMPLE TYPE Kemmer

CLOUD COVER YES

SAMPLE VOLUME \_\_\_\_\_

WATER SURF. COND. CALM

CHLORO. a \_\_\_\_\_

TURBIDITY 1m

BIOMASS \_\_\_\_\_

SAMPLE DEPTH 2 FT

PRESERVATIVE/CONC. \_\_\_\_\_

FIELD REMARKS:

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\_\_\_\_\_  
\_\_\_\_\_

LAB DATA

TOT. ALKALINITY (Ca CO <sub>3</sub> )	_____	TOT. - P	_____
HARDNESS (AS Ca CO <sub>3</sub> )	_____	SOL. - P	_____
CHLOROPHYLL a	_____	TOT. ORG. - N	_____
BIOMASS - VOL SOLIDS	_____	AMMONIA - N	_____
Ca	_____	NO <sub>2</sub> -N+NO <sub>3</sub> -N	_____
Mg	_____	K	_____
Na	_____	SO <sub>4</sub>	_____

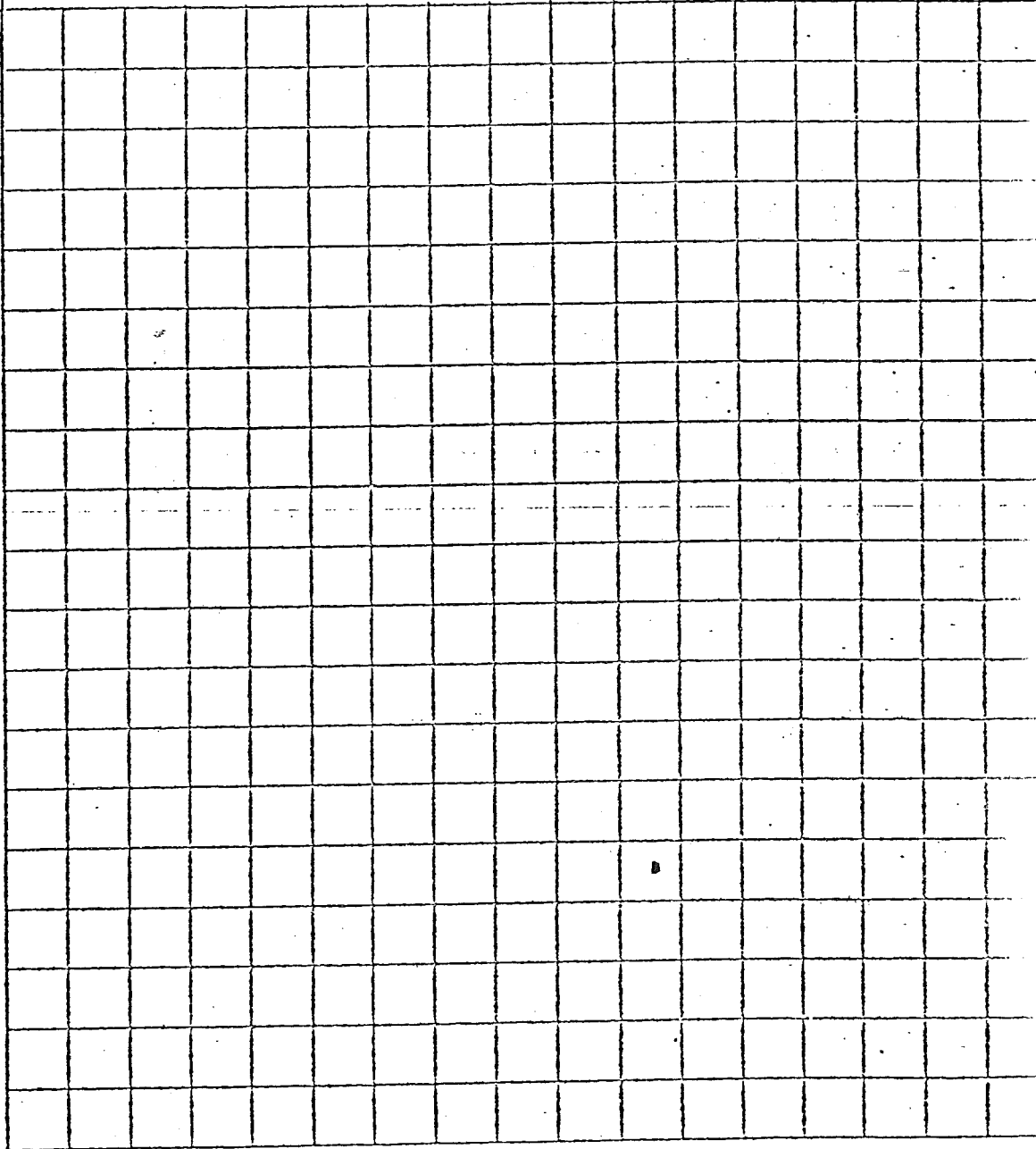
COLLECTED BY \_\_\_\_\_

OXYGEN, TEMPERATURE

DEPTH IN METERS

DEPTH m TEMP. °C O<sub>2</sub>

1      10      8.3  
Bottom



FIELD DATA

CONDUCTIVITY \_\_\_\_\_

DEPTH \_\_\_\_\_

pH \_\_\_\_\_

DEPTH \_\_\_\_\_

SECCHI DISK /m \_\_\_\_\_

MAXIMUM DEPTH 5' \_\_\_\_\_

COLLECTION DATE 10-24-77 \_\_\_\_\_

LOCATION	DATE	TIME	DEPTH	ACCOUNT-#	LAB-SLIP-#	END-DATE	END-TIME
693027	771024	1215	F001	081440	030392		
PARTRIDGE LAKE DEEPEST PART-EP							
TEST-#	STORET-#	TEST--NAME--AND--UNITS			TEST-VALUE		
		EXTRA INFORMATION ABOUT SAMPLE: DCW					
		EXTRA INFORMATION ABOUT SAMPLE: S#PAR					
131	00010	WATER	TEMP	CENT			10
091	00300	DO		MG/L			8.3
096	00400	PH		SU			7.5
032	00916	CALCIUM	CA-TOT	MG/L			40
076	00927	MGNSIUM	MG, TOT	MG/L			34
101	00937	PTSSIUM	K, TOT	MG/L			2.0
113	00929	SODIUM	NA, TOT	MG/L			3
116	00945	SULFATE	SO4-TOT	MG/L			20
097	00403	LAB	PH	SU			7.9
100	00665	PHOS-TOT		MG/L P			.04
136	00671	PHOS-DIS	ORTHO	MG/L P			<.004
088	00605	ORG N	N	MG/L			0.6
086	00610	NH3-N	TOTAL	MG/L			.04
085	00631	NO2&NO3	N-DISS M	G/L			.62
002	00410	T ALK	CACO3	MG/L			182
035	00940	CHLORIDE	CL	MG/L			4
114	00095	CNDUCTVY	AT 25C	MICROMHO			352
068	00900	TOT HARD	CACO3	MG/L			200
119	00076	TURB	TRBDMTR	HACH FTU			2

