

WNR ↑ 33113

CRYSTALFILE

Twinlock Crystalfile



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and Display Systems.

DEPARTMENT OF FISHERIES AND WILDLIFE
WETLAND — WATERBIRD SURVEY SHEET

WETLAND	WARR # 733113
LOCATION	Dundas Sluice

INSPECTED BY	J. LANE & G. PEACOCK
INSPECTION DATE	MON 27 Aug 1979
TIME START	1030 hrs.
TIME FINISH	— approx 1520 hrs.

WATER LEVEL (dry, low, half full, high, full)	low
DEPTH GAUGE READING (If Installed)	—
WATER SALINITY (If Tasted)	See below

WEATHER CONDITIONS	fine + 15 kt wind.
VISIBILITY	fair
BINOCULARS USED?	Zenit 8 x 30 ^B Zenit 8 x 56 Telescope.

BIRD SPECIES	LARGEST FLOCK SEEN	TOTAL NUMBER SEEN	ESTIMATED TOTAL POPULATION	COMMENTS (Nesting, Moulting etc?)
<u>AREA A</u>	Very shallow areas of water visible over approx half of this area of lake. Only 2 birds visible by telescope — 2 Hooded Mergansers.			
<u>AREA B</u>	Part of water approx 200 m x 100 m and 5-10 cm deep. 26 Red-c. Diver around edge and in shallows. The Paratemia abundant in shallows. Many mules and ferns — many copulating. Photos taken 70:18-23, samples specimens preserved in formalin. Water sample taken. Salinity 200 ppt.			
<u>AREA C</u>	This small lake (see map + sketch plots) is just outside reserve. Surrounding land <u>un</u> cleared. Water approx 5 cm deep. Temp 18.0°C. Salinity 215.2 ppt. "Bear-like" Crustacea and Paratemia present.			
<u>AREA D</u>	Another small lake. Inside reserve. Shallow water. 1 pr of Stellula and.			
<p>Overall it appears that the lakes of this reserve and this general area are shallow, open, salty, and even in normal winters (used to check rainfall) collect little water ⇒ mainly dry. Many Much of the beds of these lakes has been overgrown by saltmarsh plants — not obvious on air photos (aerials). They appear to be little used by birds. Shelduck and Pintail appear to be the principal (only?) users. Surprisingly, no still were seen. Paratemia probably occur in most or all.</p>				

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	BIRD SPECIES	LARGEST FLOCK SEEN	TOTAL NUMBER SEEN	ESTIMATED TOTAL POPULATION	COMMENTS (Nesting, Moulting etc?)
1	<u>AREA A</u>				
2					Very shallow areas of water visible over approx
3					half of this area of lake. Only 2 birds
4					visible by telescope — 2 Hooded Merganser.
5	<u>AREA B</u>				Part of water approx 200 m x 100 m and 5-10 cm
6					deep. 26 Red-c. Loonlets around edge and in shallows
7					Red-c. Loonlets Parakeets abundant in shallows. Many males
8					and females — many copulating. Photos
9					taken 70:18-23, samples specimens preserved

6 sleep. 26 Red-c. Skink around edge and in shallows
7 ~~The~~ Paratemia abundant in shallows. Many males
8 and females - many copulating. Photos
9 taken 70:18-23, ~~samples~~ specimens preserved
10 in formalin. Water sample taken. ~~Temp~~
11 Salinity 200 ppt.

13 AREA C

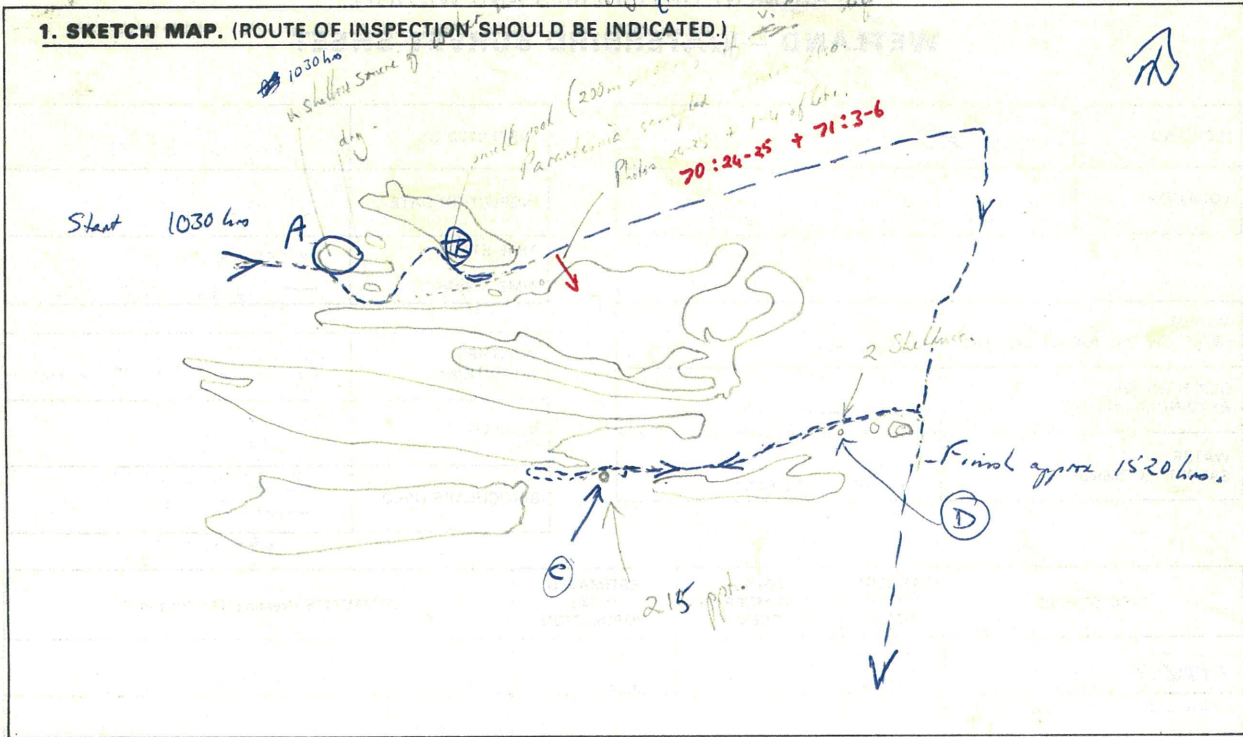
This small lobe (see map + sketch plots)
14 is just outside reserve. Surrounding land uncleared
15 Water approx 5 cm deep Temp 18.0°C
16 Salinity 215.2 ppt. "Bear-like" Crustacea and
17 Paratemia present.

19 AREA D

Another small lobe. Inside reserve. Shallow
20 water. 1 pr of Stelduck oint.

24 Overall it appears that the lobes of this reserve and this
25 general area are shallow, open, salty, not even in normal
26 winters (need to check rainfall). collect little water \Rightarrow mainly
27 dry. ~~Many~~ Much of the beds of these lobes has
28 been overgrown by saltmarsh plants - not obvious on air photos.
29 (Crustaceans). They ^(the lobes) appear to be little used by birds.
30 Stelduck and dottel appear to be the primary (only?)
31 users. Surprisingly, no still were seen.
32 Paratemia probably occur in most or all.

1. SKETCH MAP. (ROUTE OF INSPECTION SHOULD BE INDICATED.)



2. WATER SAMPLES TAKEN?

IF YES, HOW MANY?.....Indicate Sampling Sites and Sample Identification on Sketch Map.

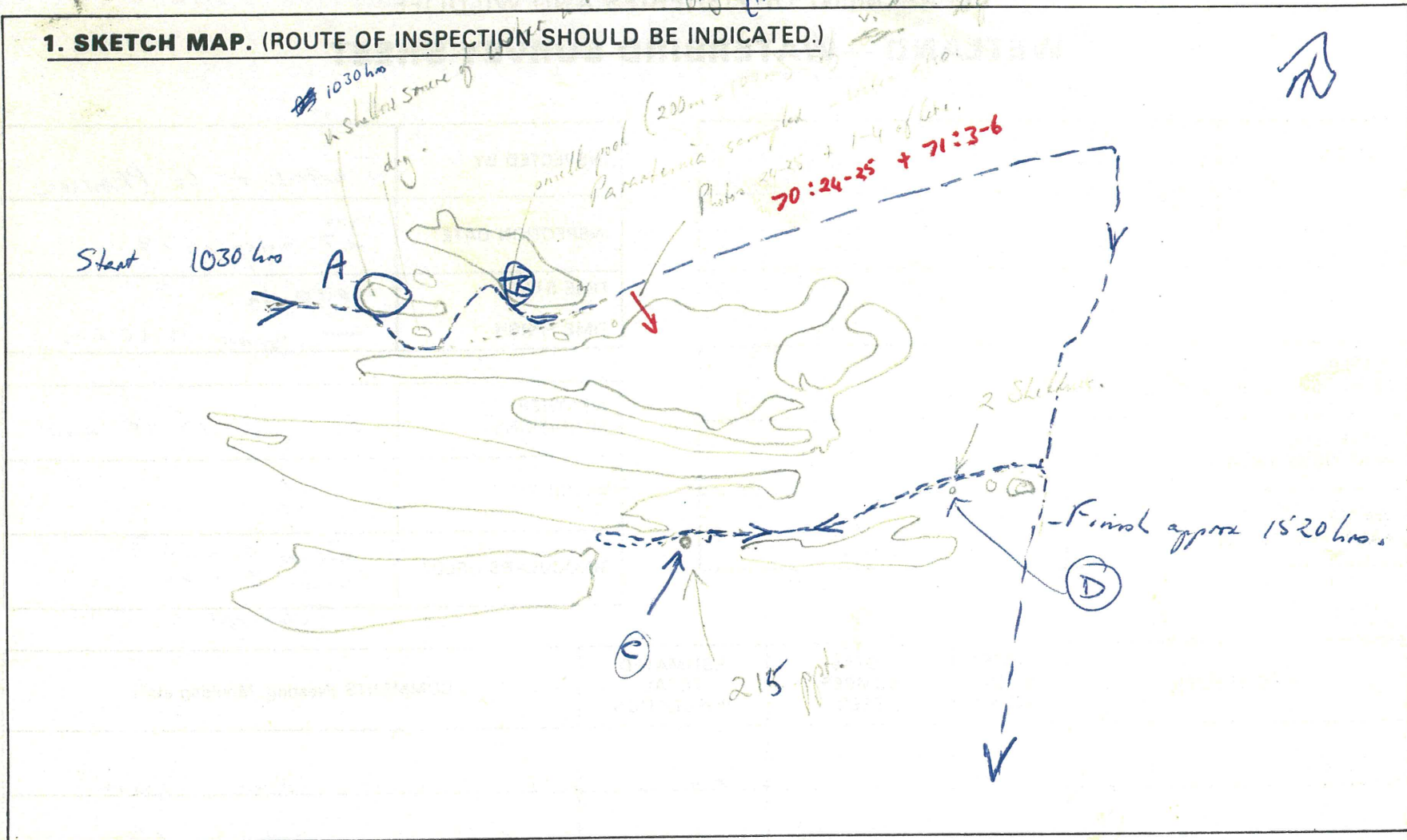
3. IN SITU MEASUREMENTS OF WATER QUALITY TAKEN?

SITE	WATER DEPTH AT SITE	DEPTH OF MEASUREMENTS (surface, bottom etc.)	SALINITY parts/thousand	TEMPERATURE °C	pH	
1	<i>See other side.</i>					
2						
3						
4						
5						
6						

4. GENERAL COMMENTS ON WETLAND, BIRDS ETC.

See other side.

1. SKETCH MAP. (ROUTE OF INSPECTION SHOULD BE INDICATED.)



2. WATER SAMPLES TAKEN?

IF YES, HOW MANY?.....Indicate Sampling Sites and Sample Identification on Sketch Map.

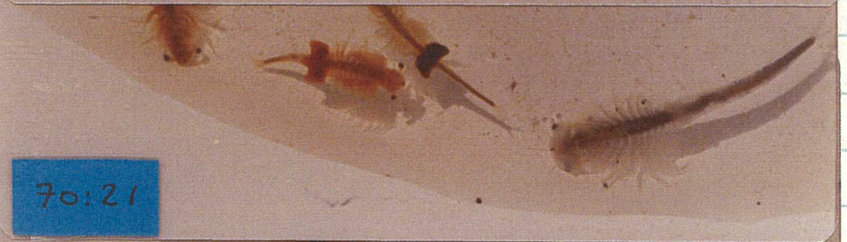
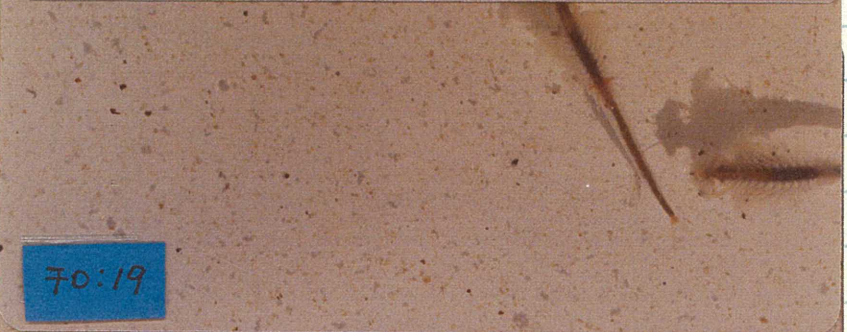
3. IN SITU MEASUREMENTS OF WATER QUALITY TAKEN?

	DEPTH OF	SALINITY	TEMPERATURE

Photos 70:18-23 : Paratemia in water of WNR # 33113
(Dundee Shire) 27 AUG 1979.

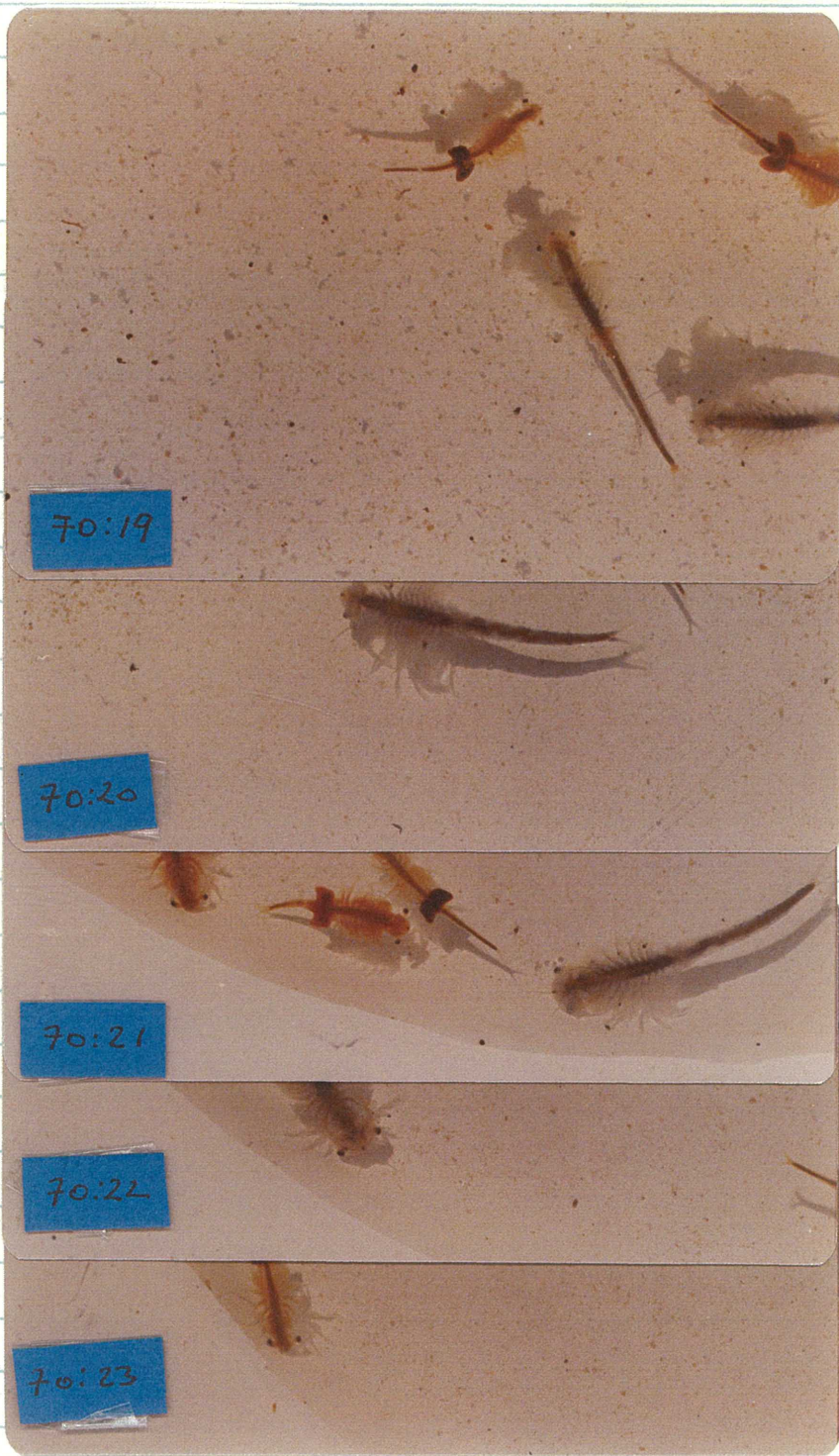


Photos 70:18-23 : *Pererkemia* in water of WNR ↑ 33113
(Dundee Shire) 27 AUG 1979.



PL

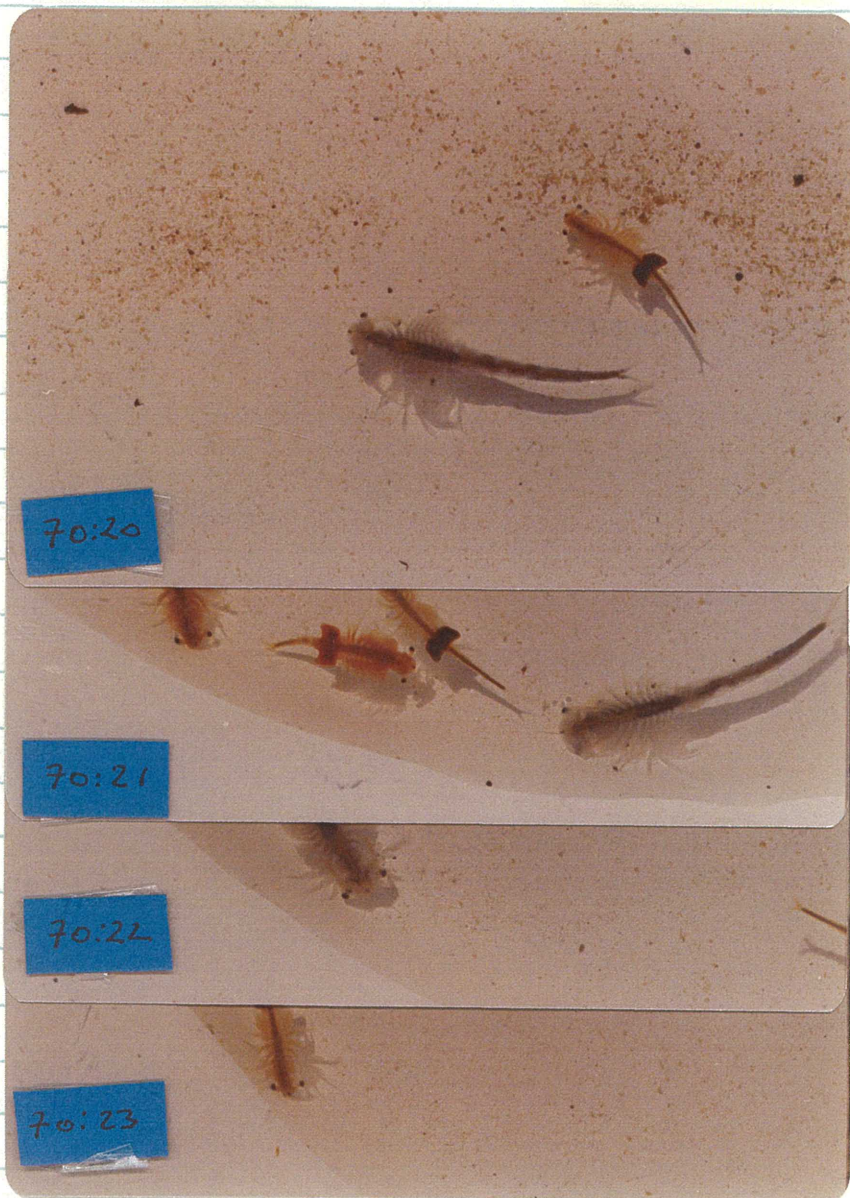
IR ↑ 33113



PL

IR ↑ 33113

70:19



PL

12 7 33 113

70:19

70:20

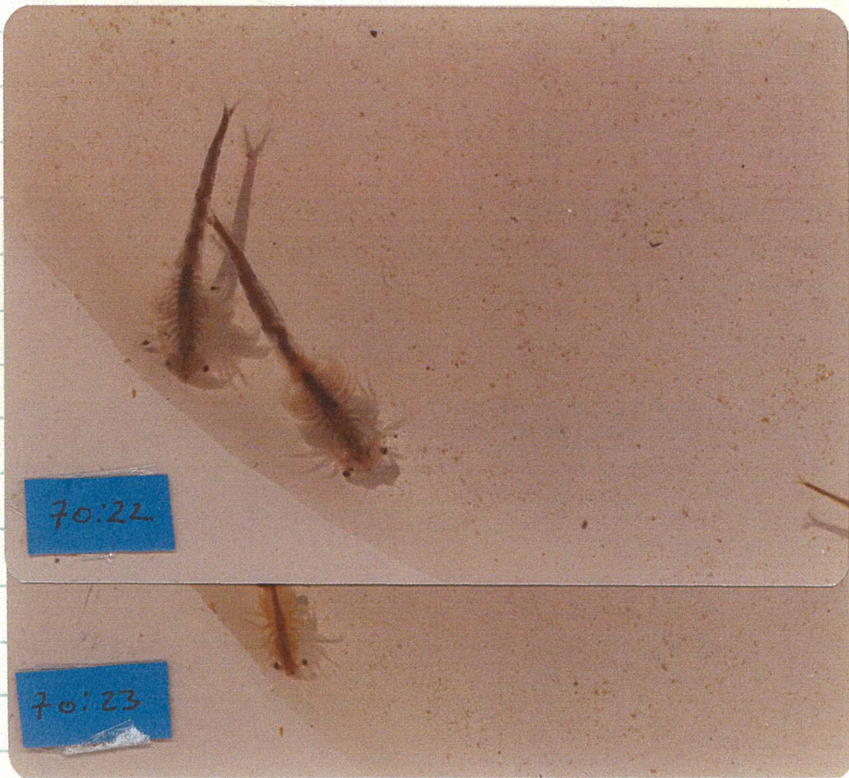


PL

10 ↑ 33113

70:19

70:21

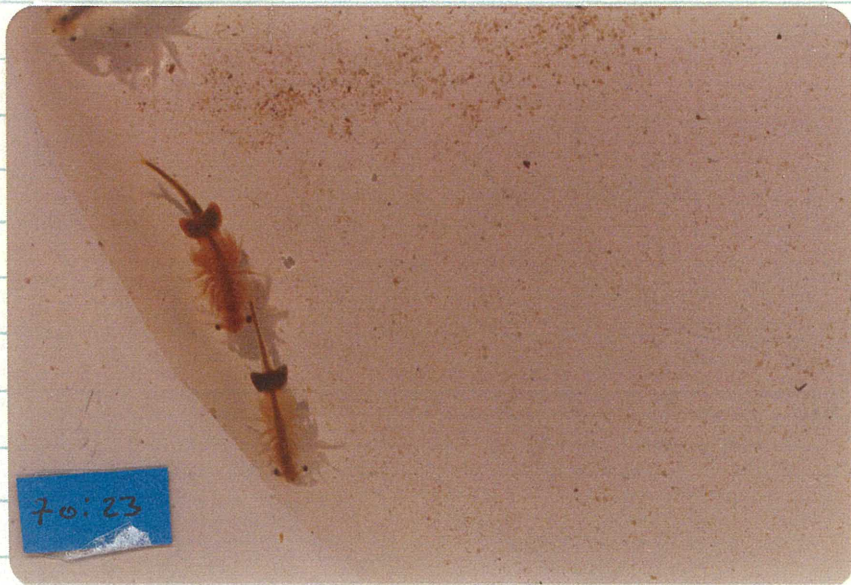


PL

12 ↑ 33113

70:19

70:22



70:23

70:25

70:24



WNA ↑ 33113
27 Aug 79

70:24 Dundas Shire.

70:25

71:5

71:3



71:6



71:5

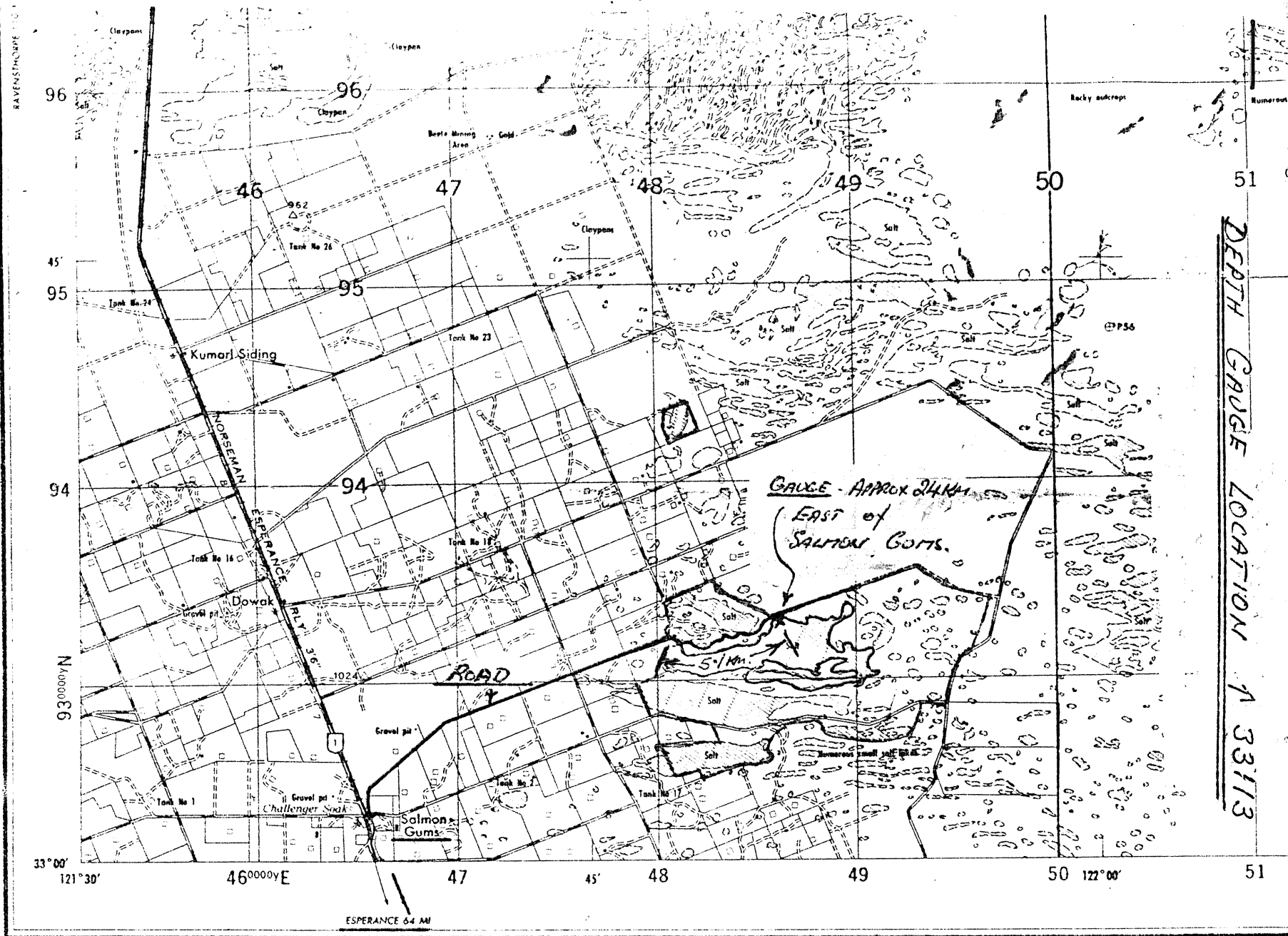


WNR. 13313 27 AUG 1979

James Stone

71:4

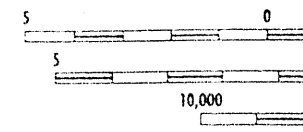
71:5



EDITION 1 - AAS
SERIES R 502



AHQ A5-4/3508



133113 DEPTH GAUGE LOCATION.
& DETAILS.



DATE INSTALLED - 13:3:80.

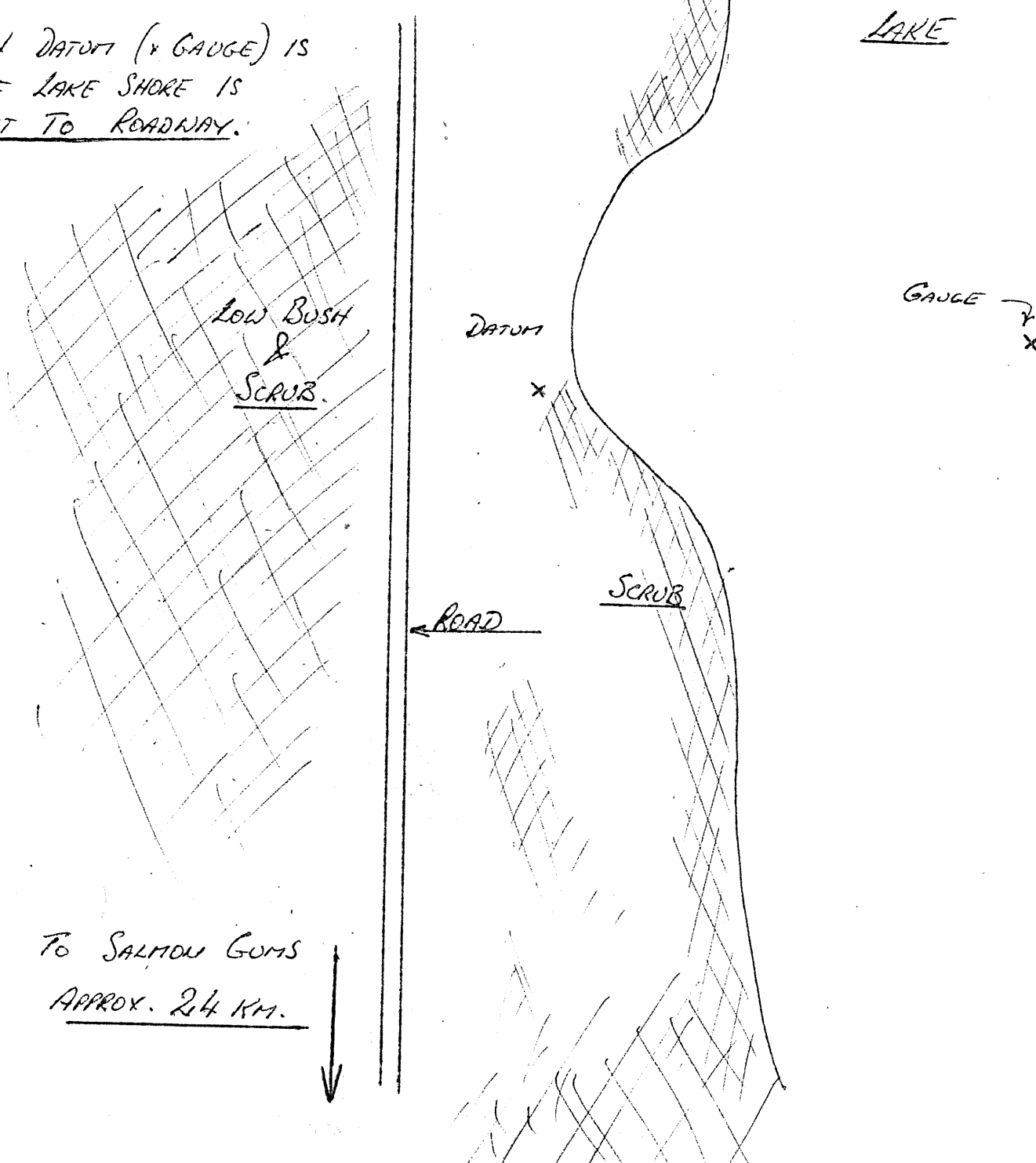
BY - D.R. MUNRO.

DATUM HEIGHT - 2.0 M.

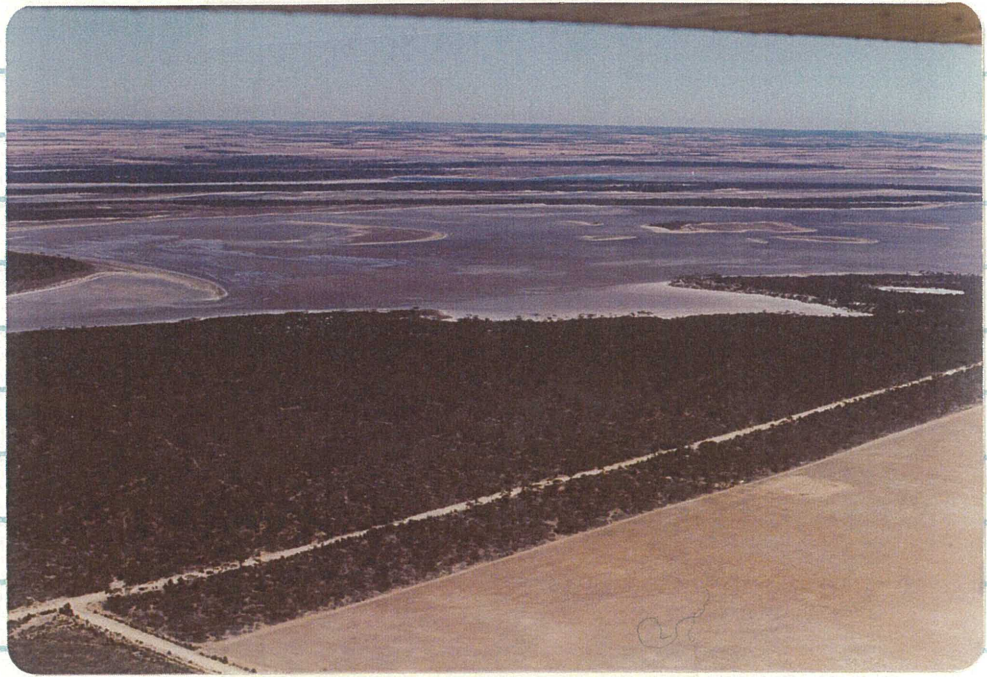
DATUM LOCATION - *21.0 M SOUTH of ROADSIDE

GAUGE LOCATION - 120.0M & 152° FROM DATUM.

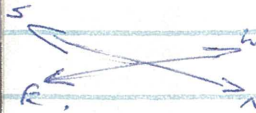
* AREA of DATUM (& GAUGE) IS
WHERE LAKE SHORE IS
CLOSEST TO ROADWAY.



TO SALMON GUMS
APPROX. 24 KM.



91.4



WNR 733113 (PW 155)

1 MAY 1980