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NOV 2011 - 1 MARCH 12

MARKRYTE

ALL WEATHER

WATERPROOF NOTEBOOK 110

①

3/11/11

Calibration: WTW 320 (PC-5)

slope 7-4
-57.7 mV

-1 mV samples better \downarrow

SITE: GINGILUP 2ND SWAMP

sample collected 7:15 pm 2.11.11
measured in lab 3.11.11.

pH = 5.91 @ 13.0°C

% = 528 μ s/cm 259 mg/L 0.3 ppt

SITE: GINGILUP 1ST SWAMP

sample collected 8:30 pm 2.11.11
measured in lab 3.11.11

pH = 4.74 @ 12.7°C

% = 439 μ s/cm 220 mg/L 0.2 ppt

Onion 3 star need 1423 μ s for 1.413 B.

Calibration cell 1 = 1413 ms - OK @ 23.0

cell 2 = 12.9 ms - OK

cell = 0.489 μ s/cm

Waterproof Paper

③ 7/11/11

depth Burco 0.850

Boyp (Kuhitup) 10.50

depth @ A = 0.24 m.

Calibration WTW 320

slope 7-10

-58.9 mV

-2 mV

pH 10.18 @ 17.9°C

pH = 7.51 @ 18.4°C

TOWERMAN 12.05

depth @ C = 3.35 m

pH = 8.40 @ 19.7°C

West Anthon 1300

depth L 0.45 @ 0.35 m.

WB @ A = 0.45 m. In gong is

pH = 9.41 @ 18.3°C Waterproof Paper same

3

MARJUNUP

7/11/11

1430

depth @ B = 0.28 m.

PH 9.22 @ 20.0°C

Flagstaff

2.50 p

depth @ B = 0.48 m.

PH 8.55 @ 19.1°C

Prebeginning 1545

depth

A = 0.85 m

large coral 40 ft NW

measured 0.15 m below low mark

PH = 8.20 @ 19.2°C

(4)

Coring 1650 7/11/11

depth @ B = 1.06 m

PH 8.31 @ 19.1°C

Coring 1720

depth @ C = 1.54 m

PH 8.63 @ 20.3°C

Coring 1800

depth @ B = 1.04 m

PH 8.30 @ 19.7°C

drive to Wagon

Jan 1845 hrs.

5

stone 0730 8/11/11
re Jack white wood

DUMBLEYUNG 0830
depth @ D = 0.61m

Collection WTW 320
days 7-10

-59.2 mV

-1 mV

pH 10 buffer = 10.29 @ 13.9°C

pH = 7.98 @ 16.4°C

Attham 10.15

depth @ A = 0.25m

pH 8.22 @ 15.4°C

Leachap 11.30 am. Ingspeeth

depth @ A = 1.62m ~~at~~ mud depth

pH: 6.84 @ 17.8°C

(6)

Range RD 8/11/11

12.20 pm

Depth @ B = 0.6m
min depth water bubbly up.
Through water, air

pH 6.99 @ 17.1°C

Bennetts 3.45 p.
dry at gauging

5m sample taken SE
side 40-50km² and from
WSW

pH 9.32 @ 16.2°C

Brayde - dry

1/2 km - dry
Rossmore 1615 hrs

depth @ C = 0.17m
pH = 8.52 @ 15.9°C

Finish ~~Brayde~~ per 1830 hrs.

7

Start 0730 9/11/11

Verley 9.15 m.
depth @ B = 0.06 m.

Calibration WTW320

slope 7-10
-6.0 mV @ 14.5°C
-0 mV

buffer 10 read 10.22 @ 14.5°C

pH = 7.90 @ 19.3°C

ATK1 10.30

depth @ E = 1.12 m.

pH = 8.71 @ 18.0°C

Teedunthop 12.45
depth @ C = 0.61 m.

pH = 8.00 @ 24.1°C

8

North Piercing 9/11/11
14145

depth @ A = 0.33m.

PH = 8.32 @ 24.3°C.

ESP1 1530

depth @ C = 1.91m.

Gensband ^{near}
cally alarm.

PH 7.64 @ 20.8°C

drive to La Grange
wash down vehicle.

Jan 18/15

9
START 0800 10/11/11

MT be Grand 0830
depth @ A = 1.50m.

Calibration WTW320
slope 7-10
-59.1mV
-0mV

buff 10 read 10.24 @ 15.1°C

pH 6.33 @ 18.8°C

STATION 9.45
depth @ A = 0.70m.

pH = 9.63 @ 20.4°C

MORISINUP 1300 hrs.
depth C = 1.02m.
pH 9.14 @ 24.4°C

SHARK L. 10/11/11
1415

depth @ A = 1.88m

pH 8.92 @ 23.7°C

marks. 2.45m

depth @ 5L gauge 1.07m
1.01m

pH 8.15 @ 25.7°C

WHALEF FIELD 3.15

depth @ B = 1.28m
1.27m

pH 8.84 @ 24.4°C

③

10/11/11

Freshman's Lead North
Start hitting 1830 @

WPT 236

Group x 3 species

Bob only few

wreck lots

very bad!

Wind - STILL OK

swamp hen

need warbler

most ducks. no Button calls.

Small birdy @ 1930

small duck and dove

to by Bay

Small 2000 hrs

(12)

city 0830
at Sped. vehicle

11/11/11

Time 10:45
depth @ C = 1.53 m.

Calibration WTW 320
slope 7-10
-58.5 mV

7 mV
Luff 10 read 10.13 @ 19.8

pH: 8.49 @ 23.2°C

Commlabgun 11:30
depth @ D = 10.34 m.

pH: 8.60 @ 27.8°C

drive to Albany
Grind 1806 hrs.

13

start 0800

12/11/11

drive from Allomy to Burreo

inspect vehicle and load

equipment for V-W Algal
sampling

finish 1600 hrs.

14

Wipe Denture
97548026

17/11/11

Plunged large pipe
with RB660 logs
cleaned probe, put in
test tube and sealed.
≈ 1.3m water in tube
did not respond
RB660 may be dead.

18/11/11

Cleaned more probe and having
men looking to log
collected logs
depth error
probe faults during current log

re set check O.K.

depth error
probe faults during current log.

Calibration attempted
Sealed counts 65535

18/11/11

probe only registration 65535

* will pass both back to SPIE.

setting Minimum loggers
idenced probe / new battery
called R130093

depth error
probe faults during current log.
* send logger to SPIE

sent old M'arty logger
R130063 into Monitoring

probe and Housong
called logged

depth error
probe faults during current log.

17
18/11

filled new probe to RB0063

logger in WOHU Housing

set new 0.0 and all depths
up to 1.8 due to new probe
log difference.

depth 643^m 14039 counts
probe faults during count - log.

cal zero 9786

span 6.617059226 counts

max. length ≈ 0.1 m.

max. factor 6.68777517

zero = 10411 counts

Calibration O.K.

logger reset 1800 @ depth 2

1830! but probe faulted.

set to log ≈ 10 sec intervals

adjuster cursor to 1.5, 1.0, 0.5
and ≈ 40 m for 1 min each.

re collect logger

69 entries depth 27^m 10593

probe faulted
Waterproof Paper

18

R130063 cont. 18/11/11

deposited completed O.K.

log data good no O.K.
to match.

time 0900

pickup Ranger from the
gun register
pack gear for food.

Travel to Mangrove
Pickup IAN Walker

Travel to Mangrove

setup camp/tees

setup boat
bring dinner gear.

leave to ridge lands.

7/3/11

Start looking at 7.15 pm.

7.22 2 x beams from SW shore area.

Custom permission WPT 238

perfect looking no animal. good number of frogs.

7.26

2nd bird direction SW 3 x beams.

7.29 x 4 beams from SW still higher

numbers - a few.

7.33 x 4 beams from SW

7.35 x 4 beams " "

7.38 x 4 " " "

7.42 x 4 " "

7.45 water proof paper was loaded. 7.48

23/11/11 80m case of WPT 125

with grass birds x 2 eating
played AB call 9.240

call from (last) response 9.27

→ back where we were.
played again 9.28

9.30 4x Beams from

SW male

~~was 5 min~~
9.35 4x Beams

→ moved to open water
near water edge saw 10 birds
played with - no reply
after 10 min

Back to camp; see 3x great traps
but show
finished 10.30 pm

Start 0900 24/11/11

checked fish traps
3 traps

2 x galois
large numbers of palmeridius

lots of forbrata crassifid
also previous night
none caught
except year.

Some with very new eggs
L13X a few fishy

WPT 239 good again Ba
fox AB feeding

Med. 70th for

month long good fox better Bottom
Ba. Ravamp when last seen up
end of open water heard AB feeding
have fresh and large sections of lake
Ba.

2nd WPT 240 fish trap
1130 photo →

3rd trap WPT 241 ↓

went for a walk through area
of forest made for NOV
~~some~~ water I skinned a feather.
water was 8th depth.
too deep for feeding lichens
long - open this area was
skin deep to ankle deep.

Moved to north shore in
between Hawk Bay and
fish trap 2+3.
Upper Tall Blk swamp
behind vegetation. Y6 PB
habitat line ridge depth =
400-600. Second Horizon rest
1 chick egg - absolute on nest
Skunked!!

Moved around edge to
edge. Screenshot note this
occasion.

Seven nest or large feeding
platform. PUSNEI edge.

small calling platform photo

UG AB nesting Habitar

will return to Linton tonight

Very strong N.W. wind.
return 1315

depth @ A = 6:31 m.

LUNCH

Fish traps checked
3:30 pm

1st North tran
6 pigmy perch

2 + 3 rd
channel
8 and 18 pigmy perch.

(26)

4.30 pm 24/11

3 x Beams at WPT 242

close 200m ~

swampy NW 3 x up
at WPT 242

final survey 1730

AB called x 3 | 1742
from SW

played call back @ 1750
4^x motor responses at 243

3 x Beams muffled @ 1754
SW in tree line from
WPT 243. PH 7.92 @ 28.2

recovered 2 + 3 fish traps
more pigmy perch.

Traveled to WPT 243 for
listening 6.22 pm

SW Bird called
3x Booms 1830
wind CALM

SW Bird 3x Booms 1835
" " " 1840
" " 2x " 1844
" " 2x " 1848

continued into 1900th
stopped

played little with
call 1920 but no resp.

played AB call @ 1930

7.40pm LB called twice
response to my call.

2x LBS
calls regarding
Waterproof Paper

28 7/11/11

Trench to
NORTH BAY

arrived 7.52
immediately to B calling
in and to Bay.

bursting @ WPT 246

No reply

plunged call back 2 times
6 min delay - no response.

moved to south edge

near point B. flats

plunged call no response
after 6 min.

Returned to camp

finish 0845.

(29)

25/11/11

start 0730

packed up camp
drove to Mary's D.I.C.
dropped off Ian & Barbara
had lunch in Mary's
with Ian & Barbara

drove to Berrico
de rig cleanup etc.

finish 1700 hrs.

9/12/11

Calibration of Vortex bagger
R130092

new/repaired probe.

bagger checked by SPIE-O.K.

set up bagger and put into
test chamber with water to
0.0 mark.

called R130092

depth 0.0m 7816 counts
probe faults during count bag.

re set clock

0.0 = 7818 counts

1.3m open = 16534 counts

open = 6.705384729

zero = 7817 counts

named Jike.

set to 10 per bag.

named Jike

depth 0.0

QVI

bet water @
1.3 m, 1 m, 0.5 + 0.0 for
2/3m each.

Called logger
depth 5 m - 7853 counts
stopped logging
downloaded file
read file.

re set to 15 min logs

QVI program.

START 0730

16/1/12

met David Lewis to

discuss layout of Grand Ull

+ Paul Bilton Smithells etc.

walked onwards from L6 road

to Frenchman's Peak.

start 0900 - 1.30.

stay 1900 - 9.30 pm
start from 2000 - 2030

33

Start 0700 17/1/12

Start walking South Adams
0745 hrs
with shallow beak on water.

WPS 249

Amongst. nest 2010 nest
pulled found on nest.

old empty nest found.

Guided walking 9.45am

Waterproof Paper

Spitzer
Ker Kemerl

Spitzer
Ker Kemerl
Ker Kemerl
Ker Kemerl
Ker Kemerl
Ker Kemerl
Ker Kemerl

preps book bags - leather choice
shock structure etc.

paper

wet ones
alcohol hand wash

million pumpkin dips?

All veggie in freezer + fruit in containers
ice tea and bottles for group bags.

Quinoa packets 1 each.

rice packets

noceci

cloths line

Pod mesh.

240 like tent

needs repair

Strong black bar bags

0457 645 685

0414283084

50HW Teach.

SUNDAY 22/1/12

start 2:15 pm

packing vehicle + laptop

then drive V+W entrance

taking photos

3-3:45

JD

finish 1700 hrs.

Star 0730

(37)

23/1/12

perhaps some engine etc
part in car drive to Ford Rd
meet with Madock WMI crew.
Begin to Madock's RD
Use Keith Good's vehicle @
Ford RD

Conducted 1st case with Mares
Again sample. Mustang then
Got people James' equity
and Chris conducted first
sample with own set.

Spiked sample near the
spiked up vehicles and packed
up gear travelled home,
sorted gear, cleared gear
and prep for next day.

Finish 9.30 pm.

24/1/12

Start 0800

Travelled to Mungana gite
 like Kotho which exposed
 sand and not depth. Confirmed
 to start in Bumbura and
 conducted Muro (Ngani)
 Nanyebi with some chambers, Kotho
 beyond and Murechok (Kuni) fish
 people.
 pushed up vehicles and packed
 up gear, some engine oil.

Finished 1830

39

18/2/12

MCLA measure 55 BOLTS
for TBRG LONG + SHORT

measure 7 for TBRG
download MCLA loggers + TBRG x 2
long bolts 80mm long
short " 45mm
Nine mile handover loggers
9mm thick

angle 55

ASK SCOTT

Time loss ~ 1 hour +

TECH - 10:19 approx
TIME 11:41

→ Battery replacement in tech
→ what does "Battery okay"

→ Switching between loggers
get in & out of loggers tank

Waterproof Paper

40

0730

12/2/12

Keynes A132

str made deposit @ 19 = 0.76 m.
13 pm. →

This year much check note
on old button note note
egg shell in nest.

occasional note x 2.

Signil made @ 5.35 pm.

Signil Waterproof Paper 830.

Start Jan 23/2/12

Sta. depth @ B: 0.41

0800 am. J

humidity sample taken

pH Lakshadweep

phosphate 7-4.

-58.1 mV

-7 mV pH 4 read 4.01

pH = 6.70 @ 22.9 @ 21.3

Start work

temperature next x 2

close to ground 2nd @ WPT

water height in river. 2.50

NOT 251 probable AWS. Better

temperature per 3-4 pins next

temperature at 2.50 had cupious per

energy next

23/2/12

WPT 252 old runway now
designed board
mostly rock / fine rhyolite.

WPT 253 small feeding platform
mostly thick Ba
20cm from ground
nature structure no other
as far in entire area
white per sand: not
max size 1000

30cm wide 35 long 15 deep.
not used
possible 2 no yet?

more structure to NW platform.
fine rock twisted gravel in base
chopped thick, brownish grey
crossed in tall clump of Ba.

Ba medium small
wall though not very.

2.3/2/12

not 30x26 messy.
no bond plotted
15m deep
top 25cm to ground.
over mud.

Spink 11.30

RAY GARSTON 98447540

41 Alton Road Lower King
(Elizabeth 2nd) Lower King 1st

→ mud to heavy Ba with
low density fine sedge.
area near top < 5m of Ba
heavy density with MID
fine sedge (and grasses?)
mud at only 15cm depth.
look at NOV ~~data~~ DEC
with levels area of more open
Ba. 2m tall Ba.
chopped Ba ^{State report} near.

23/2/12

Downloaded logs
all O.K. see data sheet

Time mark 1515 hrs
Depth @ A = 0.76 m.

code near WPT 254.
bottle still remains.

cup bank quite robust
hard cup zone,
dense fine + fine medgy
Tall clump.

nos 255 feeding platform of fine
beds - no spongy part;
small white part. 2.2m dia
15 cm spon water, depth 400.
heavy fine medgy. No clumps +
medium clumps
long beds of platform WPT 256
one white feather, 2-3 spongy part.

(15)

good numbers of frogs
L. adalambrois

Jim's work 4:30 p.
rainy sample taken

PH 7.26 @ 29.6°C

Jim 1800 hrs @ camp.
A/FCK.

416

depart Brass 0730 1/3/12

Travel to Graciers
re fuel. vehicle @ Muckee.

Called R130074 Graciers
@ 1255 hrs COMS

Logue failed to respond
got air + called again.

came to loggers dead O.K.
~~Logue~~ close. from 1m mark on
logger shown to water is 520mm
@ 1315 hrs.

depth @ A = 0.47 m.
needs new SS angle + gangle
replaced batteries
walked back to base station near

gauge B.
called R130074

called R130074
@1335

1/3/12
Tom 5

baggs did not respond.
removed baggs, placed 40mm
away + added @ 7pm.
I responded! depth (67mm)
bute walk 582 Centris
see chart
begin data recording.
100% of data

problem
70mm of H₂O

rec'd data
lots of wip data in web.
see graph, note memory.
pic to baggs
depth 30mm
in installed baggs at same
height.
transferred to Chomala.

1/3/12

Labeled RB0064

Chondrite began @ 4 pm.

depth 290mm

Both seals 570

697 entries

downloaded data O.K.

download file

water sample 90 taken

bothies not replaced

NO museum visit.

depth UAB = 0.21 m.

return USSE wind

TBR6 TB4 began TB0008

cord to begin the connected USB to computer

cord 1 collect began

2696 entries

total 51mm light forest

Bothies OK

* in removal of

downloaded file O.K. cord.

download

download file reset memory

PT Home.

97216788

1/3/12
dump loaded OYSS by TBRG
O.K. at 3:45 pm. did not
re start logger.

transferred to auger in front
around 1800 hrs.

(49)

~~7~~