

# Alan Clarke's Field Notebooks CONTINUED

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# Alan Clarke's Field Notebooks

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INCLUDES GST

MAY 05 - FEB 06

06100-A6 100 Leaf



9 312136 800432

Made in Indonesia

**Collins**

①

RYAN BUTLER 0429102295

Kalgaonkhe

David's kids  
remembering in the rain

Dorothy Rame.

Ground water data  
water chem data  
to Sue for reports  
for Durbin Springs and  
Lake Springmont.

\*Bill  
Stuart - Adrian under other  
projects with the DWA data  
water chem and misc data  
revise/add to

Biological survey work.  
SAP. <sup>Macdonald</sup>  
London Math

Harris Lake Report to Sue.  
Bungayria, Dunphie Wetland

3

✓  
Email to Gene waterchem  
xcell data for Reports

~~Yago Reports~~

~~Yun, Billy,~~

~~Namwang Spring.~~

~~Low Priority~~

46 FELSPAR ST WALSHPool

94589711

Motors Factory

Stambour care.

Comron Hennessy

~~072809297~~

279230

(4)

1943 Km travelled 5/7/05

depart Greenwood. 0800

with Roger Horn at Chinup

removed gauge removed on shore

with Roger at 9.30 am. Roger

went Tim to discuss. Tim rang

me to confirm the removal of

Don's 1m gauge, but not to

remove 2m gauge with logs

attached. 2nd 2m gauge on shore

left alone. On site Roger and

I removed 1m depth gauge in

the middle of the hole and logs

sign erected by site clerk that

had fallen over and removed

WRC's depth monitoring device.



(5)

Stumps (cont.)

The DLI BM is high on a hill  
amongst trees + 3m from 2m lake  
depth and 100m + from road shore line

The Munro datum is in grass and  
and would be suitable to

using a level to determine lake

depth. The 2m gap under the

loggers is capable of measuring

depths to 0.4 depths below the

could be measured using

a string line and bubble to 0.3+

These depths are unlikely during

normal Sept. Nov runs.

The current 2m gauge will

Gables

6

longer is likely to be a hazard if churning is permitted and water levels increase.

current depth is  $\approx 0.8$  fathoms to roughly yesterday's depth.

Desire to pursue churning might be in management plan process.

know churning in NR to be pursued. site is being developed as a rec site by the District.

no threat because of low water levels so 2m gauge stays in.

Arrive starting Range 1830 hrs

7

8

6/7/05

Depart Study Ranges 0800  
BM 588667

6217157

Anderson

6/7/05

lake depth 2m above ga 1.63m.

1m gauge is 0.5m under water  
gauge installed by a 20mm PVC pipe  
and float that runs up the pipe  
with the water level. A screw holds

Anderson the 1m gauge was  
not removed.

the float in place. Actual ga is  
0.55m when current water level.

PVC pipe current is 0.85 exposed

WGS 84 E 588 911 WPT 333.

N 6217187

34 10 951

117 57.890

9

6/7/05

Dumbkeyung Lake.

lake depth at 4m gauge was 2.48m

5m gauge dry 20m up slope

4m gauge submerged, plate contains 3m

2m gauge 6m gauge mark was

10cm underwater and barely visible.

not possible to remove, although

attempts were made by attaching

ropes and pulling up from the boat.

Attached a 10mm I with 2m of

rope to top of gauge. HAZARD

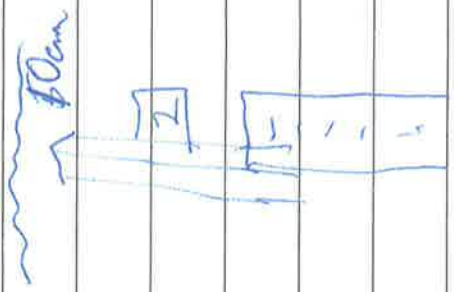
pointed towards on the boat.

current position 30m from shore

just beyond the tree line

(10)

Downed keeping  
water depth in gauge (2m)  
was 2m.



6/7/05

(11)

### Bennetts

depth pool (1m beneath) around  
gauge 0.06m dry near yg.  
large shallow pool in SLED  
area of lake.

3m gauge behind springing veg  
2m gauge near SLED ramp  
entrance against springing veg.

1m gauge was removed  
would be re installed 2.45m from  
shore near southern boundary

2m gauge is near steep slope  
to lake bottom possible for  
string and line to < 0.5m.

Five nuts and bolts to secure 2m yg.

Smith at Nondagah Pueblo  
7-15 pm.

Station 0745 7/7/05

lake depth at 2m gauge on shore

2.04 m. depth plate needs

replacing and "2" timbers plate RS.

lake needs a 3m gauge.

B.M. close to the water table

to permit levels although

~~the~~ depth of the core of the quarry station in

the middle of the lake. 200m out.

2m gauge is at edge of timber

on edge of lake, lower level

1m gauge covered by 1m of water

no showing up on shore ramp

13

7/7/24

sign is Dyer Transport. sign had  
been turned around to face away  
from view. Many of no remaining  
at two places.

Bundy (Secondary crossing)

2 of the 3 eggs Van Buntley have  
been removed. The 8m (Lobster of 3 eggs)

is all that remains. The 140 is 5cm

above the top of the egg depth plate

approx 20cm from surface.

possibly 9m gauge? not 8m below

check photos of previous Buntley.

channel has been excavated. Now

has steep sides. It would

(14)

be difficult to get a depth  
reading in this situation.

(15)

7/7/04

Yongming

Shi lake depth gauge 1.23m  
99 3m from shore at this depth  
emerges floating vegetation  
150m away from platform and  
drop off area.

99 70m north of boat ramp.

did not remove the gauge

because it proves no risk to  
phares. This is the only gauge in the  
lake.



7/7/05 (16)

Arndall

depth 1.25m

gauge is in 0.30m of water @ 1.25m  
ca 3m from shore inside springing  
& vegetation

gg seems in a safe position and  
not a hazard to others.

water is running past bund  
at SW end of lake to ...

the lake is emptying, most likely  
to get much deeper.

unlikely that shrimps occur.

What with Greg Powell.

Did not reimburse the gg.

Arrive Moree in 1915 hrs.

(17)  
Apparatus Manned: 0800 8/7/05

Campion

depth of logg 0.53

1m gauge remained and remains of  
Manns wood board.

The 2m gauge was 2m from the  
water at 0.53 depth. A string and

line would easily be used for  
depths below 0.8 (ground level for

2m gauge. ~~but floor is approx~~  
up to depths approx 0.10m.

Alternative methods required for  
shallow depths.

WBL at 2m depth is 0.75m

bottom of lake is 10-12m away.

7/7/05

Lake Nimon

depth @ Long is 1.24m

1m gauge in 1m of water. A

PVC pipe is fixed to the top of the  
anode and extends up for 0.2m

above anode. 3k PVC pipe has

been struck by a boat? and

been over and back straight

again. The pipe is not securely

fixed now due to damage from  
impact. I dug around the

gauge and tried to remove

the gauge but I was ~~was~~ NOT

successful. I attached a 3kV

and rope to the gauge. 3k

19

7/7/05

John had enough rope to  
allow a rise in water level  
to 30m. This gauge will  
need to be raised when H<sub>2</sub>O  
level exceeds. The 2m gauge  
does not pose a hazard  
∴ was not removed.

The shore has a sign explaining  
the hazards of the lake and  
that it is not gazetted for  
swimming and boating. Don't  
spend the at your own risk.

geomorphic falls

Problems

close track of geom falls record.

above main falls with management

step access to bypass rocks.

" " across back to put down

of feet tracks and slope

Problems

step slopes retaining walls

land erosion

USM supports by poles too high

allows children access to falls

engineer to assess falls bridge

structure (Heritage value)

Viewing deck on top of hill  
forming into a changed in shape  
etc

Bridge bottle neck. on every  
Senses over cliff. If all neck  
steps sufficient access. old and  
enough shipping.

Drainage half pipes with grates  
steps too high gully  
Installation needs planning

Boardwalk lifts people above  
needs away from benches.  
paved, see looks walk info

interest good tool for  
interactive information

trucks good to have regular  
stops → stone chipping gravel.

2nd pressing deck good  
close to water  
stepo lawyer

options

1st pressing deck near old bridge  
note on southern side so that  
people can get close to water  
benefit local community

2<sup>nd</sup> Dec.

Lowal Spring  
wood deck above <sup>water flow</sup>  
intarp for walking  
erosion behind deck.

vegetation changes down  
slope intarp. on deck.

depth of timber steps on track

erosion on track on south side  
ongoing maintenance

steps in rock. rock walls  
hand rails at erosion gullies



maintenance occurs track closed at road?

plate sharp section closed road. dense track to left through low gradient fine track.

close to bottom of falls whelping rocks. track hits rock slope.

signs to direct either through gaps or around against the rock face.

quartz in creek line. weeds reduce view to water. remove

needs, open stream, less need  
 for access roads to creek.  
 steep banks into creek. pull  
 needs railing.  
 interlock above creek.  
 address access to both sides of creek.

interlock on hump between  
 with fall water passage.  
 unique situation, why important  
 for 2nd Deck site in view  
 water use.

edges x 2 Y junction  
from track along creek to  
leaves backwash.

Chappell's Chair Turn around  
to face creek.  
mistake down history  
and Chappell's chair.  
picnic table

steps access to river by way  
routep about riparian veg.  
use looks to plant included.  
area.

Palm Rd access.

Features rock bridge over creek.  
design of low park ground.  
add traffic profiles to steps  
lean cuts.

Back up on top near  
main rec facility.  
wood bridge over creek  
needs 2nd rail for children  
part of station to no where.

Days  
- trip needs to show areas for  
ways.

Lower RD water-fall walk.  
Trail bike abuse running  
down drainage way.  
ballards.

Ashcroft Dr

Low park small. not able  
to Park cars for walking  
visitation No?

Honey Road.

Lower slopes provide  
Mountain bike access, provide  
users for edging, erosion  
maintenance etc!

show the analysis  
of your concepts.

know your audience

- inventory maps.
- vision
- concept,
- 

how can we use this.

we want LPO to make recommendations  
for materials etc.  
detail.

30

pH Calibration Ct 1 method.

-53.3 mV

-9 mV

31

12/9/04

Dobsonry 8:30 am

gauge B 0.51 cm.

pH 6.92 @ 12.7°C

gauge B 462985 K.

6437374 N

Benchmark 463070 K

6437226 N.

Truck to DOBFA 463101

6436926.

Spanning 10.45

Depth 10.69

pH 6.02 @ 14.2°C

32

33

12/9/05

Corrozin 1350  
 depth gauge A 1.28 m  
 pH 9.27 @ 16.9°C  
 Benchmark 603409  
 641329A

Brown 14244  
 depth (gauge 2m) 1.56 m.  
 pH 9.40 @ 15.4°C  
 Benchmark 559598 E  
 6397741 W

WHITE WATER 1530  
 depth (1m) 0.20 m  
 pH 8.68 @ 17.4°C

Benchmark 558768 E  
 6399914 W



34

12/9/05

Yealoring 1600

Benchmark 0558592 E

6393388 N

depth @ 0.02m 2.04m

pH 8.59 @ 14.9°C

DULBINING 1710

depth 0.88m

pH 10.55 @ 16.0°C

WALBYRING 1745

depth (1m) 0.83m

pH 7.67 @ 14.9°C

35

36

12/9/05

Boardlin North

depth 1.05 from top of angle iron

pH 8.55 @ 15.2°C

13/9/05

lith White @ 1815

depth @ 0.72m.

pH 9.68 @ 13.7°C

bench mark 541349 E

6347282N

White Norway 0855

depth after 0.06m.

pH 8.25 @ 11.0°C

Benchmark 542628 E

6347334N

pH calibration C&E method

-52.9 mV

-9 mV

37

13/9/05

Tasbehin boat 10:30

depth 0.33 m.

pH 9.93 @ 12.4°C

benchmark 551257 W

6350393 N

Dumbkeying 11:20

depth (4m) 12.72 m

pH 8.15 @ 13.6°C

float on submerged gauge  
missing. Other new. devices down  
in shore.

13/9/05

Coastal survey 17.45

benchmark. 573067 E

6303125 N

depth 1.5m

pH 8.73 @ 14.5°C

Compass

~~survey~~ 7.00<sup>am</sup>

Benchmark. 5695125  
6277308

depth (0)(2m) 1.3m

pH 8.74 @ 15.3°C

Coastal survey 1500

depth (3m) 2.43m

pH 7.93 @ 14.6°C

39

49

13/9/05

Mortunup 16.26

depth (2m) 1.49m

pH 9.82 @ 14.6°C

Benchmark 516357

6289931

Brent

0407088991

Flagstaff 1650

depth (3m) 1.58m.

pH 8.42 @ 14.2°C

Benchmark 523636

6291472

Benchmark

533154

6307266

Parakeyerring 1800

depth 1.5m

pH 8.28 @ 14.2°C

(41)

pH Calibration Ck1 method

-52.8 mV

-10 mV

(42)

14/9/05

West Outhr 0815

benchmark 4965810

62930146

depth (average 2m) 1.01 m.

pH 8.92 @ 13.8°C

Towerring 0900

benchmark. U 480703

6283951

depth 1385 mm from top of hand

rail post on jib to water

9th

post from shore.

pH 8.48 @ 13.4°C

43

14/9/05

1 Kubukubup

depth 0.54 m.

pH 7.23 @ 13.5°C

benchmark 469769

6257314

Egret 1315

depth 0.4 m

pH 6.05 @ 14.7°C

benchmark 379665 E

6314852 N

Right Herons nesting 2x pairs  
possibly more.

449

14/9/05

Harvey 1420

depth 1.19 m.

pH 5.28 @ 17.3°C

Benchmark 386573

6348941

Nine Mile 1515

depth 0.8 m.

pH 6.59 @ 18.7°C

Benchmark 385555

6376520



45

14/9/05

McLarty 1620

Benchmark 379415

6379682

depth (anchor) 1.27m.

pH 9.56 @ 17.3°C

Clifton L

depth (5) 4.36m

pH 8.39 18.1°C

Benchmark 374037

6376134

46

pH Calibration C11 method

-53.5 mV

-7 mV

47

15/9/05

THOMPSONS 08145

Benchmark. 389510

6441479

depth 0.98 m. yg (A)

pH 7.16 @ 15.9°C

GIBB ROAD 10:00 am

depth (WR) 24.83

pH 6.35 @ 15.0°C

Benchmark 397541

6441798

48

15/9/05

Ferrestdale 10-45

depth 22.29m AHD

pH 10.41 @ 17.2°C

Benchmark 400102E

6442247 N

Sandaleup 1330

depth (WRC) 44.92m AHD

pH 6.23 @ 19.1°C

Benchmark 390957

6486980

49

15/9/05

Soundship 1430

depth 16.98m.

pH 9.35 @ 19.5°C

Benchmark 384371

6487424

(50)

Calibration MW 320

Auto Cal JEC

-51.6 mV

-8 mV

pH 10.22 @ 17.5 °C

Deyan Greenwood

7/11/05 0715 hrs.

(51)

7/11/05

Beverly 10:00 am.

720 mm from road surface to water on up stream side.

10m (WRC) - 720 mm = 9.28 m.

A

2 gauges in water ∴

low gauge top 8 m

high gauge top 9 m.

pH 9.53 @ 20.7 °C

52

7/11/05

Morro 11:00am.

depth 9 0.82 m. (1m)

pH 9.95 @ 23.0°C

1m depth plate <sup>broken</sup> missing, needs replacing.

Concein 1:00pm

gauge A 603379 WWS 814

6413203N

gauge B 603368 W

6413094N

depth 1.18 m.

pH 7.68 @ 22.0°C

NO FILTERED

53

7/11/05

Brown 2:30 pm  
gauge 2m on shore 1:37m.  
pH 10.23 @ 24.2°C

White Water 2:50 pm.  
dry at 1m gauge  
level of water on opposite  
side of stake < 0.010m deep.

Yellowing 3:15 pm.  
gauge (2m) 1:84m.  
2m plate needs replacing  
damaged by falling tree!  
pH 9.96 @ 23.4°C

54  
7/11/05

Dull swimming 4:15 pm.

depth 0.71 m. U

pH 10.12 @ 25.0°C

NOT FILTERED

Walking 5:00 pm.

depth 6.89 m

pH 7.95 @ 21.5°C.

Taorlin North 5:45 pm

1190 mm from top of galew angle  
to water.

pH 7.77 @ 21.2°C

Spuit Narrogin 6:45 pm



(55)

Calibration WTW 320

Beutels Lab TEC

-51.5 mV

-11 mV

(56)

8/11/05

Little White 8:00am

depth 0.56m

pH 9.37 @ 16.1°C

White (Norwegian)

dry

T. arbutin 9:00am

depth 0.13m

pH 8.94 @ 15.1°C

8/11/05

Dumblynung 10:30am

gauge B (4<sup>m</sup>) depth 2.60m

pH 8.40 @ 17.2°C

2<sup>x</sup> booms still attached to 2m  
depth gauge

(Cornell) 11:45am

depth 1.32m. (back)

swam egs and other egs  
along wash line 0.5m above water  
wash line is thick/large.

pH 9.40 @ 18.9°C

(85)

8/11/05

Caruarina 1:00 pm.

depth (2m) 0.97 m.

pH 10.48 @ 19.2°C

both depth plates need  
replacing.

Logreep 2:15 pm

depth 2.25 m.

pH 8.50 @ 20.2°C

water flowing out of lake at  
western culvert.

Martinez 4:00 pm.

depth (2m) 1.37 m.

pH 10.55 @ 18.9°C

(59)

Calibration WTW 320

-51.3 mV

-9 mV

(60)

8/11/05

Aggstaff 4.20

depth (3m) 1.45m.

pH 9.29 @ 20.6°C

Parboiling 5.30 pm.

depth 1.35m.

pH 9.68 @ 19.2°C.

Finish Wagon 6.15 pm.

Went Another River 9/11/05

depth on shore (2m) 0.86m.

pH 10.28 @ 15.9°C.

8.00 am.

START 7.00 am.

(61)

9<sup>TH</sup> post 1470 = 2.2 m NOV  
9<sup>TH</sup> post 1385 = SLEPT  
95 mm

2.2 ~~3.15~~ SLEPT  
95 (2.295 m)

(62)  
9/11/05

↑ overrinning 9.00 am.  
depth 2.2 m. J

depth gauge on 7<sup>TH</sup>.  
good cond. but 200mm under water  
need a 3m plate on opposite  
side of jetty on flat pillow.

pH 8.90 @ 17.9°C  
not filtered

Kumbung Bayrup Brook.  
depth 0.56 m. 10.00 am.  
pH 7.32 @ 18.3°C

(63)

9/11/05

Exp. Egret Swamp.

depth 0.24 m. 1.00 pm.

pH 5.92 @ 18.1°C.

Harvey 2.15 pm.

depth 1.34 m.

pH 5.54 @ 22.5°C.

Nine Mile 3.20 pm.

depth 0.85 m.

pH 6.57 @ 21.8°C.

McLarty 4.00 pm.

depth on shore (2m) 1.72 m.

pH 8.29 @ 23.2°C.

(64)

Calibration WTW320

-50.8 mV

-9 mV

(65)

9/11/05

Clifton 5.00 pm

depth 4.30 m

pH 8.74 @ 22.7 °C

Spink 6.30 pm Greenwood

Fornestobak

10/11/05

1000 hrs

depth 22.33 m AHD

pH 10.45 @ 21.3 °C

Gilth Road 11.15 am

depth 24.56 m AHD

pH 6.47 @ 19.1 °C

66

10/11/05

Thomsons lake

depth 0.94 m. (A)

pH 6.72 @ 19.0°C

depth gauge. A loose in ground.  
needs replacing further into lake.

Trypa needs cutting back so

that gauge c-(2m) can be  
found.



(67)

BOOH NOV 2005

CAMPST 04

68  
stage 0630 15/11/05

CAMP BAY

north lake / camp bay

Darton 2+1

litter Black Littermate 4

OSC-01

CAMPST04 GPS not consistent

depth 1.2m

sediment sample

max depth of lake 1.7m

pH calculation OK. -50.6 mV

pH 8.34 @ 21.3°C -7mV

re 20

spotted wing supersatients.  
 species <sup>unspotted</sup> ~~unspotted~~, clear black  
 head of <sup>unspotted</sup> ~~unspotted~~ gull, watched gull  
 drop vertically to the water  
 near a group of water gulls  
 roosting in a dead tree. L  
 The gull was low in the water.  
 slender looking compared with SC  
 wings and back darker grey  
 than SC. tail feathers brown  
 black and white. Bill redish  
 brown. Thinner and shorter than  
 SC. Head almost black,  
 lighter near Bill, Black line from  
 under chin to back of head.  
 covered for some time.

15/11/05

05C-02 Central Pool. pm.

70+ Pelican

Silver gulls 100

LBC 8+7

Shelduck 30 + 10 + 10

— hooded Gull, Franklin's

Little Pied Cormorant 2

PH 8.18 @ 24.7°C

water temp. taken

1 km south 630622E

05C-03 6554618 N

16/11/75

Start 0600

Swansea lake.

walked out onto peninsula

top north end LBC 4+2

feeding → shelduck <sup>1100+200</sup> 4+20+175  
+400

great egret. 3

grey teal. Black Duck x 2

Pheasant 20 Duck 1

~~0500~~ common gull x 6 displaying

SOUTHWARD 97 depth 3.3m

other depths 2.5 2.9 3.4 low water

water sample taken.

PH 8.35 @ 35.4°C

Bottom mud 300 shelduck.

OSC-05 16/11/05

investigate fresh water  
seeps on Western shore  
500ml water sample taken  
mound across lake  
depths taken OSC-06

pH Bandkross Seeps  
6.93 @ 24.1°C

April 1800.

73

pH Calibration Auto CAL TR

7-10 ph.

-52.9 mV

-8 mV

Calibration OK.

74

17/1/06

Repair Woodvale 0900  
re-pool Brackley  
pool LINEN

Beverly 17:00

water bins in paddocks and on  
road edges. Avon River, Judd  
and Spring strongly  
water level measured from 10m mark  
on Auldlandy crossing.

bracing has been placed

recently. water Spring strongly

through partially open gates

Salinity Catcher Group measure

water sample as 53 ms/cm.

pH 7.81 @ 25.3°C

(95)

Corrogin area  
where flow  
water on road sides  
washed out creeks  
sand and debris over road  
entering Corrogin

Calibration 7-4 ph.

-58.1 mV

-7 mV

Calibration O.K.

(76)

17/1/06

Morro 1.20 pm.

depth 2.76 m  
water level 10cm below peak  
flood/wash line.  
current water level 1m below JAN  
2000.  
pH 7.12 @ 30.6°C.

Ardat 3.45 pm.

depth 1.28 m.  
pH 4.34 @ 29.9°C

Red Lake 4.15 pm.

depth 0.14 m.  
pH 4.13 @ 34.6°C

77

17/1/06

Concegen 5:30 pm

Depth (A) 1.75 m.

pH 6.81 @ 31.9°C

Calibration 7-70

-53.4 mV

-8 mV

Smith Concegen 1830

Depth 0700 0645.

Calibration 7-10 ph

-52.9 mV

-9 mV



78

Yellowing string line + level  
BM = 2.905  
BM to water level 0.28  
depth = 2.47 m

79

18/1/06  
Brown 7.45  
Sub has receded 400mm from  
max fill.  
depth (A) (2m) 2.12 m  
pH 6.71 @ 25.0°C  
examination of amphipods  
water Brown.

WHITE MARKER 0800  
pH 6.74 @ 26.2°C  
depth 1.85 m

Yellowing 8.45 am  
depth J 2.42 m.  
pH 7.51 @ 27.3°C

80

18/1/06

Dullermining 9.45 am

depth 0.24 m

pH 6.90 @ 26.3°C.

water had overflowed from

Dullermining across the road to  
Toolahin. Currently flowing strongly  
into Toolahin N.R.

Toolahin 10.30 am

depth 0.13 @ 0.96 m.

pH 6.81 @ 27.0°C

lake appears to be jillyie. no  
higher wash line.

18/1/06

Wallowing 11:00

depth J 1.15m.

pH 6.91 @ 26.6°C

water flowing through culverts  
into Wallowing. pIR: Not poreif this water is entering the lake  
it may  
water has no recent high flood  
line.

Trough North 11:40

depth 480m from top of  
dropper to water

pH. 7.68 @ 28.4°C

trayor 10m from track edge on  
left facing lake.

18/1/06

WHITE (Nanogin) 1215

depth 0.09 m.

pH 8.70 @ 30.1°C

Large shrimp present in lake.  
water clear.

White White 1300

depth 0.63 m.

pH 8.00 @ 28.9°C.

Tasmanian 1.45 pm

depth 0.13 m.

pH 8.53 @ 32.7°C

18/1/06

Coombeysnoy 3.15 pm.

depth 1.47 m.

pH 8.14 @ 28.8°C

2000 Ton mark line 1 m above  
current height.

Dumblenny 4.45

depth (B) 2.38 m.

pH 8.73 @ 23.6°C

Smith Wagon 1900 hrs.

84

Calibration 7-10

-52.4 mV

-9 mV

85

19/1/06

Departure Margin 0630

Watering refuel, buy lunch.

Logrecup 0800

depth (2) 1.91 m.

lots of animals come + other ducks.

pH 9.50 @ 21.5°C.

Caracarina 8.45

depth 0.64 m.

pH 8.58 @ 20.9°C.

86

19/1/06

Altham 10.30

depth 0.44 m.

pH 8.88 @ 23.2°C

masses of Brine shrimp.

Yadup 1145

depth 1.48 m.

pH 7.65 @ 26.6°C

Range Road 12.30

depth 1.87 m.

pH 6.53 @ 23.5°C.

19/1/06

Bryde

depth 2.30 pm.

pH 6.42 @ 26.2°C water

East lake Bryde

depth 19cm from top  
of SSM demand plate to  
water. down

Temp 19.00 T pH 6.27 @ 27.3°C

water flowing north  
depth 0.5m. picture of trail  
away from

BM



Yakop

Alcoa & South-west Hwy

through Macedonia → Hamel

Wayrup.

Conchal point

left Conchal point

withou Dale Road

6/2/06

Wakeup 8:30 am

depart 12:30 to Magneta

unpack vehicle and set up  
house finish 7:30 pm.

wake up 0550 7/2/06

~~prep~~ organize field gear

8:30 - 7:00

depart for 1<sup>st</sup> grid 0715

1.5 grids completed

finish on house ~~1800 hrs.~~ 1800 hrs.

90

7/2/06

up 0550 hrs

depart house 0700

finish 1800 hrs.

THURSDAY

8/2/06

up 0550 hrs

leave house 0700 hrs

grid at Magenta  
morning tea at House

Drive to Dunn Rock.

do one grid

back at house 5.50

grid 1830.

92

9/2/06

up 0545

depart house 0645

Smith at house 1900.

SUNDAY

10/2/06

depart house 0730

finish last grid at  
Dunn Ranch.

reach at House 2.00 pm.  
clean and organize house  
finish at 1700 hrs.

6mm 10 }  
3mm 15 } 29 gauges.  
10mm 4 }

gauge angle 5 } 23  
3x6 = 18 }

5mm double ended drill bits.