Printed 16/6/2014.

Alan Clarke's Field Notebooks

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None of these have been scanned. Get

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Plus sorting and preliminary IDs of aquatic invertebrates from Muir-Unicup area in 1996 and 1997

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23. 2002-2003 (11-11-2002/19-09-2003)

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*Alan to worked out the pages' order.

11/01 - 4/02

(1)

BOON NOV 2001

(2)

26/11/01

Lake Boondarooo

depart Cunderdin 6.15 am

Woodanilling 6.30 am

depart Woodanilling 7.00.

Kalgoorlie 2.20 pm

depart Kalgoorlie 3.50 pm

arrive Boondarooo camp 7.30 pm.

Camp Equipment	
greenhouse	1
coat	2
tent	20
BUS	10
HAG	20 +20
PBD	1

(1)

BOON NOV 2001

(2)

25/11/01

Lake Boondarra

depart Cunnamulla 6.15 am
arrive Eulo 6.30 am
depart Eulo 7.00

Kalgoorlie 2.20 pm

depart Kalgoorlie 3.50 pm

arrive Boondarra camp 7.30 pm.

Camp leaseholder	
grandson	1
cousin	2
teal	20
BWS	10
HHG	20 + 20
PBD	1

(4)

(3)

27/11/01

leave camp 7.00

set up lunch equip 6.15-7.00am.

Camp embankment seems to have disappeared 1.5m.

East wind 15-18.

Camp engagement

+ Mellent 1

+ Greenstreak 2

+ Red Knee Dotted 6

+ HHG 40

+ grey teal 30+10+30+20

+ coot 1

+ Pacific Black D. 5

+ BWS 30

SUMM

* camp end. ducks.

* silver gull 1+6+2+30
* HHG 30+30
* marsh Dark 1
* coot 2

* main lake. east side on lake in boat 9.00 am.

* Hardhead 6+30
* BWS 15
* SWANS 200+65+10+10+10
* HHG 70+50+50
* COOT 200+20+20+20+20
* PINK EARS 100+100
* shelduck 10+25+5+20+10+10
* FRED 2 10
* TEAL 100+25+20+20+25
* PBD 40+10
* WFH 20+2

East side main lake (CONT.)

× PBD 4+5
+ SHLD 3+10
+ SWANS 5+13
+ BWS 10
+ COOT 2

HHG 80

SW island 12:30 off [illegible]
× Black fronted plover 1+6+10
× common sand piper 1
× Red Knotted Dotrel 3 SUV 1
× Greenshank 1
× Red capped Plover 2+6.
× BWS 15

01C-01 1315 27/11/01

STHLEND97 – SOUTH LEND 1997 site

depth 9.35m.

TPSFL90

2.76mS/cm = 2.70mS

sparm = 103.6% @ 29.8°C

top = 18.34mS

4m = 17.90mS

pH

7.00 read 7.05 26.8°C

changed to 6.98

-13

10.00 read 9.90 27.9

changed to 9.91

-57.3

pH 8.33.

south of SW island

depth 7.80
GPS STHOFISL OLC-02

south west island GPS
position name = SSW1599(54)
OLC-03

West side 2.00pm.
north of SW island

(9) NW side + Ponton Creek
Tues afternoon.

× coots - 6+1+1+40+1+5+30+10 +3
× Swans - 10+5+5+2+2.
× HH grebe - 2+5+1+5+2+20
× HH ducks - 180, 320, 100, 50,
× grey teal - 2+4+5+1+3+4+4+57 +15+2+10+8+4+7+2+80+3+30 10+5+7.
× black ducks - 1+4+4+1+1+1+1 +2+5
× Shelducks - 1+6+2+20+1+2+100 +100+60+50+10+6
× Silver gull - 1
? Banded Stilt -
× Black Wing Stilt - 2+2+2+3+2+20
× WF Heron - 10+2.
× Musk Ducks - 2+2+
× Freckled Duck - 2+2+1+9.
× Pink ears - 2+20+20+20+20+ 20+5.
× RKD - 1+
× Whistling Kite - 4
× Wedgetails - 2
× Avocet - 10
× greenshank - 1
× Shoveler - 2+2+2+2+2+2+2.

(10)

(11)

(1)

little pied cormorant - 1

Common sandpiper - 1

(12)

PONTON CREEK.

- Water chem -

pH: 8.17 @ ≈ 24°c

depth - 0.85m

TOP

cond. 20.18ms/ @27.4°c

BOTTOM

20.46ms/ 27.6

island infront of entrance to Ponton Creek.

* RCP 16+2
* R Kneel settled 10+4
* BWS 15

• Ponton Entrance depth
- 4.0m deep.

(13)

OIC-04

GPS POS. 52

North end lake 97/00

cond. top 18.70ms/ @ 23.1°c

4m 18.27 @ 21.9°c

pH 8.33 @ 22.4°c

Depth 3.3m

OIC-05

51 NEARM97 2.95m deep.

OIC-06

55 CMPLENT99

200 Pink eaves in camp emb.

stop at launch site 5.15pm
back at camp 6.00pm.
week dinner etc
delayed by bees at water drop

~~Notes~~

on Nisson. Bees in camp until 7.30 pm.

Notes of lake.

only a few nests for this season were seen. many nests were attempted but building of nests were not finished. nests were not fresh and 400 mm ⊼ from water ∴ nesting appears to have occurred earlier this year.

ground at camp and on track very dusty and dry.

no young ducks, coots or swans were seen.

~~nest~~ no active nests were seen

no readers of note. PTO

27/4/81

water was turbid even with glassy conditions most of the day. shallow areas sampled were clearer. although the numbers of Daphnia and other invertebrates (micro) were numerous which reduced visibility. water looks dirty.

28/11/01

pack up camp 7.00-8.00
departure 8.15

50m x 50µm sweep in camp embayment
250µm invertebrate sweep in camp emb.

Juvenile banded stilt with 2 BWS no band wing feathers Brown to black.

large flocks of Hardhead on NW corner in bay and out in dead trees 1000-1500
Freckle duck x 8 flying across L.

200-300 pink eared in camp embayment.

28/11/01

large island SW of Ponton creek entrance

× BWS 10 + 30 + 20
× Red Knot Dotterel 3 + 10 + 10
× old swan nests from 2000.
× RCP 2 + 8
× Freckle duck 2 + 8 end north of island
× southern shoveler. 4
× teal 60 + 20
× PBO 20 + 10
~~BWS~~
× AVOCET 3
× greenshank 1

50 swan nests look about 4-6 weeks old.
Ponton ~~road~~ opposite train station

28/11/01

packed up boat and
equipment by 1.30
then lunch and leave lake
2.15

arrive Tower Hotel 6.30pm.

Depart Kal. 8.00

(19)

4/12/01

depart carrenbine at 6:00am
pick up Grant Pearson
and travel to Burnetton
arrive 9:30am.

worked on IDDPES.
worked with Yvonne on
depth gauge data sorting out
discrepancies.

write up day in lieu

1

4/12/01 (20)

2002 depth gauge maintenance
Run.

Bamban get a height for
star iron, description on 1995
depth sheet

Blue Gum use dumpy
to level saw cut in tree.

TOOLIBIN ? gauge 1

Ouingup determine height of SIP
for SEP. 98
ask Jim were the SIP or
Ouingup is to used for depth
measurements 92-97.

Wheatfield height of dropper.
PTO

4/12/01

Dobadurry determine onshore gauge height ground level is at 377 when gauge was wrong.

contact member Joan Mansfield 91 Depte + NOV.

finish at LALM BUSSO 1800 hrs.

17
17mm
34.

5/12/01

start

6.

FORD COURIER

~~take bracket off the hose which and fire extinguisher fit into old car rear tow bar ball.~~

~~jack mounts for Courier.~~

Terry 'JUST COVERS'
92404324
CANOPY for Voyager
FAL Balcatta
rear tips
V5 No. 1
Pelers icecream

MON – FRI organise

accuracy statement of maps

Bruce Bone Katanning
monthly depth gauge
Bryde!

tilo Esperance labors
monthly depth gauge

Grey Quarrel when three labs are drop.

Boundaries report

18/12/01

Dobrudzhany
onshore gauge
lake bed level 0.34

gauge 7 off shore
lake bed level 0.08
depth point in wash gg.
wood gauge base in ground.

pick up Pegro with bits
and bring back to
Woodlands.

Email Grant re - Boundaries
reports.

riney Bauer.
0.5 pencil leads
ranger camping for a
12 volt plug.

CALM ESPERANCE
TILO 0428 716130
90713733
Wednesday Esperance

6 36

cereal
UHT milk lactose free milk
baked beans / tin spag. small.
cordial
vegemite
honey
rice bars
nuts
chips corn
biscuits
tin fruit
rice
peanut paste
rivitas
rosemary
tea 1 cardboard.
sugar (tall container)
plastic containers
cake
biscuits

French onion soup.
chicken coating
tomato soup. tin

in box.

ham
tomatoes
carrots
onions
bread
butter
cheese
apples
bananas

milo
tin tomatoes
Pasta
Rageleto
soya sauce
salt / pepper
tomato sauce
kidney beans
peas
pineapple tin
tin corn
matches

need Tobe drill bits

11/2/02

depart Corramblying 8.00am.
pick up Mike Brandon SHARP
do perishables shopping

Yenyenning lakes 11.30
garages dry (Beverley)

all true lakes dry, but
mud is wet, extended mud
tracks on argo. One month
may harden up mud, but
bring tracks anyway.

leave Corrosin 1500hrs
replace 2 x plates gg 2
dry.

5.395 BM height
- 0.525 diff down to 5m gauge
4.87 5m gauge height
left gauge 0.13

0.880
.157
~~.723~~
670
0.210

x. 0.078
0.880
0.198

Check datum for Athris.

11/2/02

Athris Yate Swamp
5.30 arrive depth 3.44
Yetos are still alive in H_2O (4m)

6m gg 0.157
0.880 top of angle
0.670 top of red angle

6m gg 0.157
1.078 top of final angle
-0.921
final gauge height
BM 0.671
1.196 5m gauge.
-0.525
forward.
1.408 5m gauge
0.882 BM 0.526
depart lake 7.00pm

SAT 16 6.45 - 6.45

SUN 7.15 - 12.30

11/2/02

arrive 7.30 lake King

departure lake King 6.00am.

Breakfast Bennetts swamp.
start 7.00am
East lake Breyde 8.30am
dry.

lake Breyde
gauge 1 (on shore) 2m gauge.
old CALM datum 2m

gg2 D. Farmer 0427101667
agg. depth.
CALM Sandra HOHLOCH
98211296

1·181
159
31

1·159
0·946
·213 to 2m mark

4·702
3·701
-1·001

12/2/02

Brogh

1·159 COLM 2m datum

1·191 top of gyl 2m mark
-31mm

0·946 top of angle gyl
1·159 2m datum

0·548 Calm 2m datum

2·425

1·584

1·599

1·569

3·701 0·678 1m gauge no. 2
4·702 = 1m difference

onshore gauge was 31mm low. new gauge plastic plate was moved up. offshore 1m gauge was correct to calm gauge.

12/2/02

Bryde

surrounding vegetation thick
understorey 3m high Melaleuca
Salmon gum 7m high.
lake dry.

SSM is in the middle of the
bund only 40m east from
east end. Surrounded by
trees. There is no clear vision
east to the lake. A temp
RTK or EDM site should be
set up in centre of bund where
there is a clear view and
no trees.

arrive Esperance 1800 hrs

0.719
0.011
− 0.708 difference A, B

~~1~~.800
70 − .708
1.292 top of gauge

12/2/02

Range RD Yate
5m pool in middle
arrive 11.00

A 0.011 — 2m gauge TOP
1.873 — ground.
1.893 — gravel on gg 2 (1m)
B 0.719 — top of angle 1m gg.

lake bed level of 1m gauge is 0.1m.

0.011
1.010 — final level 1m is 1.001m.

2·0 RL 2·139 Trench dropper
2·0 − 1·039 RL = 0·961
2·0 − 0·99 RL = 1·01

12/2/02

Dropper Pole Height level run

0·180
− ·041 from 0·000 — 2m gauge top of 5T dropper on Trench Ent.
1·219 — Sept 2001 dropper
1·170 — Nov 2001 dropper

Next gauge 2 (1m) is 82m on a bearing of 300° from gauge 1 (2m)

depart 12·30

North Porcup 2000
LSP. 26410 98
Lake Pleasant view 98
Anderson 98
Warden 98
Mein 2000
Ouimiguip 2000

13/2/02

depart 7.50am
Meet at Lake Esperance with
Tito, Bob M., Dough Hardwicke
Mike Beanton,
visit lake Warden
discuss SSM placement,
accuracy, Outlook.

Station lake depth 0.33

finish 6.05 pm.

TILO 0428 716130
cereal
apples
bananas
meat
bread.
milk x 2

depart Esperance 9.00am

Esperance 26410 11.00am
BM Height 0.659
depth from BM to up to
the water 0.450
BM height 0.659
1.109

4·757
3·249
1·508

BSP 26410 14/2/02
level run from BM to new gg.

1·704 BM 0·659 LH
1·540
1·583
1·267
1·470
0·442 Top of angle.
4·757 - 3·249 = +1·508

0·659 BM
+ 1·508
2·167 RL of Top of angle

4.805
3.475
1.330

2.000
- 1.333
0.667

4.806
3.473
1.333
0.659
0.992

14/2/02

level run back from final run gg to BM

0.608

2m mark on new gg.

1.470

1.270

1.628

1.597

1.707

3.475 - 4.805 =

BM 0.159
-0.333
0.992

1.755

1.624

1.626

depth on gauge is 1.110 m

1.285

1.429

0.564

4.806 - 3.473

2m gauge is 8mm too low.

Fuck.

SEPT

2·235 − 0·75 = 1·485 LH Dropper

2·235 − 0·017 = 2·218 LH for HoV stor iron

1·258
1·275
1·3
1·275
1·258
0·017

1·258
1·335
0·123

2·2
1·335
1·258
0·077

14/2/02

North Paving

BM 2·235 near 2m agg depth is 1·05m

1·258 BM

2·008 Septic dropper
−0·75

1·258 BM

Nov stor iron
1·275 2·235 BM
−0·017
2·218

1·258 BM

1·335 top of angle near agg
−0·077

2·2
2·235
−0·077
2·158 LH

8 1
1·494
1·268
0·226

1·509
1·274
0·235

5 1
1·463
1·227
0·236

14/2/02

North Parade
check new gg

1·268 BM
1·494 2m mark on new gg.

1·509 2m mark on new gg.
1·274

1ST RUN

1·273 BM
1·509 2m mark on new gg
2ND RUN

1·463 2m mark
1·227 BM

leave 3.30 pm.

14/2/02

travel to Bremner Bay

finish 7.00pm

Start 7.00am.

Fitzgerald inlet turn off to
Point Ann Turn off 4.2 Km.
Point Ann turn off to West Mt
Barren turn off 4.1 Km.
West Mt Barren turn off to
Salmon Lake is 1.7 Km

deposit point determination
1.702 1.691 1.687 1.685

near set eyes of jiggs in middle
1.598 1.608 1.597 1.632

Southern side (ent.) 1.604 1.594
1.600 1.598 (dropping ground level)

~~1.0 - 0.140 = 0.86~~

~~datum LH = 0.86~~

~~pa 04/04 1.0 - 0.14~~

~~datum height 1.14~~

0.827
0.687
0.140

0.783
0.643
0.140

~~1.0 - 0.297 = 0.703~~

~~datum 0.86 - 0.297 =~~
~~-1.001~~

15/2/02

Baline water level
gauge to datum rem

0.687 1m mark on gg.
0.827 datum = 0.86m
- 0.140

check.
0.783 datum
0.643 1m mark
+ 0.140

level rem dropper
0.643 top of 1m gauge LH = .703
0.940 top of dropper
1.644 bale level level on dropper

datum is 50m south of 1m gg.
datum is galv. star iron 15cm
above ground on edge of tree line.

15/02/02

datum is 12m ^ from lake rim
proper
datum 34° 11.275
119 24.328
UTM 721671
6214396
sats used 4

Gauge 34 11.255
119 24.316
UTM 721656
6214427

sats used 7
lake is
^ 6.9 Km from QUALUP Homestead
turn off into the park.

58 a

4151
2.565
- 1.469
1.096

58 b

15/2/02
1200 hrs.

Yellowlegs lake
depth (3m gag) was 2.26m.
lake too deep to install a 1m
or 2m gauge. nothing done.

lake pleasant View 2.05 [illegible]
depth at 2m gauge. 0.76m.
OLD (Munro) gauge read 0.69
DOLA datum 2.100m.

2m mark.
BM 0.405 $\boxed{0.506}$ intermediate
1.754
1.064
0.811 2.480 (BM LH)
1.469 - 2.565 = -1.096 Δ to top of angle.
1.004 LH of top of angle.

15/2/02

0.861 angle, top of

1.114

1.781

0.432 BM

2.642 - 1.546 = +1.096 m

0.3[illegible]

dropper on left (southern side)
dist. from water to string
is 0.400

0.76 - 0.400

dropper on right northern side
dist. from water to string
is 0.390

0.76 - 0.390 = 0.370 m

depart Lake Pleasant view
3.30 pm.

15/2/02

Lake Anderson start 5.00pm
BM 2.908
changed plates on 2m and 1m gauge
depth at 1m gauge was 0.35m
gauge 1m rough iron is badly rusted. We put plastic plate directly over the blank stainless steel plate
finish at 7.15pm at Mt Barker
took Mike Scanlon to Mt Barker Hospital to seek medical attention for foreign body in eye (right). Doc said his eye will be fine

2.845	2.820
- 2.567	- 2.541
0.278	0.279

check star iron height

star iron 1.140

1.425

1.705

2.845 1.142 BM

2.567 = + 0.278

16/2/02

start 7.00am Mr Barker

Overnight pump depth at 2m gauge (No.2) out on bounce is 0.95. measured 5 in down from bottom of depth plate

BM height 1.449

height determination of star iron that is out near the 1m gauge.

1.145 BM 1.449

1.710

1.396

1.110 star iron

2.541 - 2.820 = - 0.279

star iron LH = 1.449

- 0.279

1.170 m.

changed plate on 2m (No.2) gauge.

16/2/02

Tardis Gerrup
changed plates on 4m and
3m gauge. Depth was
approx 2.85 m.

Lake Moir. Plastic
plates had been broken
most likely by cattle
scratching themselves against
the gauge. replaced the
1m and 2m gauge plates
with 5mm thick gauges.

Morning replaced the 2m gauge
on gauge 1. depth was
0.90m.
arrom at Narrogin St Albert
finish 6.45.

17/2/02

leave Norrogin 7.15
travel to Yealering.
lake depth approx 0.400
from 1m gauge off shore: and wet
lake was too soft to
transfer a gauge to Pole
in middle of the lake.
lake bed level at offshore gauge
is 0.5m. Will need to return
to lake in April - May when
the lake is dryer to install
a 1m gauge further into
the lake at the 2nd
New pole.
finish in lake 8.30.
arrive Cunderdin 12-30 after
taking Mike Beanton home.

Bicycle
Millard dispersal
gators

PHONE

ropes thy bots
clamps
oars
extension pole Pool
drill tech screws etc
tripods
staff

cereal bananas carrots
beans apples rice bars
spag cheese bread.
cordial butter lactose milk
jelly beans ham cucumber.
biscuits tomatoes

water bottle Blue and small.
filt Nerson water tank
Head torch
Hat
hatre fife
back pack

Breyde Lakes Survey. 18/3/02
depart Cooranbine 6.40 am.
pick up Steven Barrett 7.00 am.
STEVEN. 0417 922006

arrive at lake Breyde 2.15 pm.
pole height 2.364 m.

291.354 m delta edge.

1002 point code 01 channel.

1016	291.712	291.916
1018	291.728	
1019	291.822	*291.9
1021	291.043	292.88

cross section
~~Top~~ bank left TBL ~~flow out~~
top bank right TBR

JCS cross section heights
lost radio contact
at 4.45 because battery
had gone down.
longer period on walk back
to base.

surveyed the outflow
including cross sections
overflow height is 291.9..m
surveyed position exter/edge
to ~~gate~~ helps to determine
transect widths.
arrive at Newdegate pub at
6.30 pm.

19/3/02

departed Newdegate 7.15

SSM 73 N 6308040.573
E 669595.018
V 295.685

122 6307730.806
670286.933

121 - 6307814.964
670340.947

120 - 6307899.122
670394.960

119 - 6307983.280
670448.974

Steve Grey.

118	6308067.438	670502.987
117	6308151.595	670557.001
116	6308235.753	670611.014
115	6308319.911	670665.028
114	6308404.069	670719.041
113	6308225.973	669515.419

112	6308310.131 669569.432
111	6308394.289 669623.446
110	6308478.447 669677.459
109	6308562.605 669731.473
108	6308646.763 669785.486
107	6308730.921 669839.500

106	6308815.078 669893.513
105	6308899.236 669947.521
104	6308141.815 669461.405
103	6308983.394 670001.540
102	6308488.227 670773.055
100	6307646.648 670232.920

small ground cover sporadic
accurs lake floor.
HHG nest and egg on
lake floor.
1337 1m gauge.

19/3/02
long poll 4.753.

note set parameters back
to 0.1 so that fixes do
not drop out thereby
saving time.

Mullerlechzer is green and soft
on some bushes but only
on part of the bush.
some areas of samfire near
drain on begining of bend well
on southern end, and on other
side of lake scattered. 2* opp.

Yellows?
some have died but do not
show attacks from herons/egrets
finish Newdegate 7.00pm

20/3/02

start 7.00 pm.
OP 2605 north side
2573
near transect 3.

long path 2.54 min height.

BM lake Height 2.328m.

finish at lake Bryde
~ 11.30

20/3/02

East Lake Bryde
site 1020. ridge top

Centre line overflow.
OVF 294.722
* 294.826 lak edge
294.797
294.650
538

294.558
294.668
294.994

* 295.305
295-131
294.855
294.763.

Fred Armstrong

his personality is not conducive to high work rates

His physical condition as far as any injury or illness while on the job may be difficult to justify with regard to duty of care concerns.

20/3/02

4.00 –
finished rim of lake survey and calculated lines for transects.

line 15 top of lake profile is 296.811 north end.
line 15 top of lake profile south end
296.196

21/3/02

start 7.00
· mitchel Davies 98211296
· Steve Grey.

finish at lake East Bridge
4.00pm.

21/03/02

lake lands NR

GPS WPT No.s 107
108
109, 39,
42, 40, 41, 1st lake
track.
43 end of track south
44 big lake.

drive back to Newdegate
finish 7.00 pm.

depart Hardegate T-30 22/03/02
Qualondary crossing.

gauge 1 top is 11m if crossing is 10m, which makes gauge 2 (middle gauge) top 10m. and top of gauge 3 (lowest) equal to 9m.

(81)

Grant
vacuum cleaner
cargo roll bar
canvas Tarps

Damon size 10 thy boots

Experience Tile
resum & costs.

19TH April DOLA
Dough.

(82)

4/4/02

McMullen Nolan Surveys
meeting at DOLA 1400hrs.
with Bob McCarthy and
Ed Still, Damon James.

Battery World
2/120 Greenidale RD.

8/4/02

depart Lorrambine 7.00am.
pick up Damon + LED at South Perth
and on to Quelandeny crossing to
confirm crossing height and gauge HTS.
trevor ——— Yengenning farmer

crossing AHD 211.365 top
bottom -2.3m.

began RTK work after lunch
at about 1.30pm.
go Argo bogged in middle
of lake had to walk back
to the car and retrieve angles
to winch out on. continued
with survey with surveyor
in passenger seat instead

8/4/02

of on the back of the ergs.
The water bagger was wet
from recent rains.
Finish RTK at 6.30 pm.
packed up at 6.50.
arrive at Beverley hotel at
7.30 pm.
transport survey gear and
batteries for charging to
our rooms.
RTK equipment seemed
cumbersome to move to new
lines and pick up additional
points.

9/4/02

Damon did not have a credit card or cash to pay for the Hotel. He also did not have fuel cards or cash to re fuel on the first day. on the road at 7.15 depart Beverley 7.30am.

8.30 began by taking a shot on the T point. Bear was losing signal to base station. went back to the base station and regained lock. went back again to the T point and lost signal to base. went back to the base station and turned it off and re -

connected the wires. got back to base station and signal was good. 10:00 am began R & K shots of ski lake #1.

1:00 finished #1 lake and channel definition
lunch 1:00 - 1:30.
2nd Transect across the lake we bagged the cross walked the remaining transect. The remainder of the lake was done using spot heights out into were we began to bag at each point around the lake. 1/2 way around the lake.

(87) 9/4/02

at 4.45 the ~~satellite~~ satellite configuration was poor, we could not get a fix. at 5.30 we decided to abandon RTK for the day and look at the #3 lake. we confirmed the lake bed was firm enough to travis across the lake. packed up equip. at 6.30 ..

arrive at Beverley at 7.00 pm.

10/4/02

depart 7.00 am
shell at Beverley closed.
travelled to Bloomton to get
oil for argo.
ready for start. argo at
Base station 9.00 am, But
Damon forgot the sim card
for the raver so he had
to go back to the Hotel
time lost 1 hr.
I had to go and get fuel
for the Argo. 1 hr 15 min.
surveyor was able to carry
on, on foot.
finished #3 lake at 1.30 pm
finished #2 lake at 5.30.

10/4/02

water table height taken at
inflow / outflow of this lake #2

picked up missed 75
transects.
picked up angle irons in
middle of #1 lake.

finish picking up on lake
6:15 pm
arrive at Beverley 6:45.

11/4/02

start from beverley 6.45am
put 2m gauge in at
ski lake #1 finish 10.45am.
move to ski lake #3. LUNCH 12.00 -12.20
travelled to #2 lake
put BM in with RM's
found deepest point levelled
out to a 1m gauge (installed)
levelled gauge to BM. RTK
gg and BM and re measured
a series of points on #2 lake.
RTK Base station went down
so we had to go and reset redo
wiring. Damon walked with
RTK across the lake for
deepest point position.

finish at lake 5.45pm.
finish at Beverely 6.30pm.

pente

shaveno
desodorante
shampoo
pencil kohl

(92)

DAD 92035073
MURRAY 93614881

LEVIAN
NAIVE
Don shepherd 92462236

Burnetton 97521677

BATTERY WORLD
2/120 Grandtak RD
ALLSTRAR 94552791