

Finalized indexes, received
6/2/2014 and printed (+ send
to C:\)
on 17/2/2014
J.

Grant Pearson's Field Notebooks

(INDEX)

Box 1:

1. 02-10-76
2. 10-76 09-77
3. 02-77 1980
4. 1977
5. 2-11-77 to 17-01-78
6. 01-78 11-78
7. 03-78 09-78
8. 06-78 07-78
9. 10-78 03-79
10. 26-11-78 06-12-78
11. 17-12-78 02-79
12. 03-79
13. 04-79 06-79
14. 07-79 11-79
15. 07-79 04-80
16. 08-79 10-79
17. 09-79
18. 10-79 11-79
19. 12-79
20. 1979
21. 05-80 08-80
22. 09-80 02-81

23. 10-80

24. 06-81 10-94

25. 08-81

26. 10-81 02-83

27. 12-81 1982

28. 1982

29. 03-82 09-84

30. 09-82 10-84

Box 2:

31. 03-83 03-85

32. 09-83

33. 12-83

34. 08-85 11-85

35. 1986 1987

36. 06-86 11-90

37. 1987

38. 06-87 11-91

39. 07-87 06-88

40. 09-87 09-88

41. 10-87 01-88

42. 03-88 02-89

06-81

10-94

24

Collins NOTEBOOK

3510 FAINT

24

18/2/81

Photographed the
block and general
pattern of magnet

Remnant of old granites

Beach in Llanabes

6" Rain Less 50mm

F491 3 FLOATS

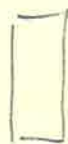
Mid Channel

Flying Foam

South Fiddle

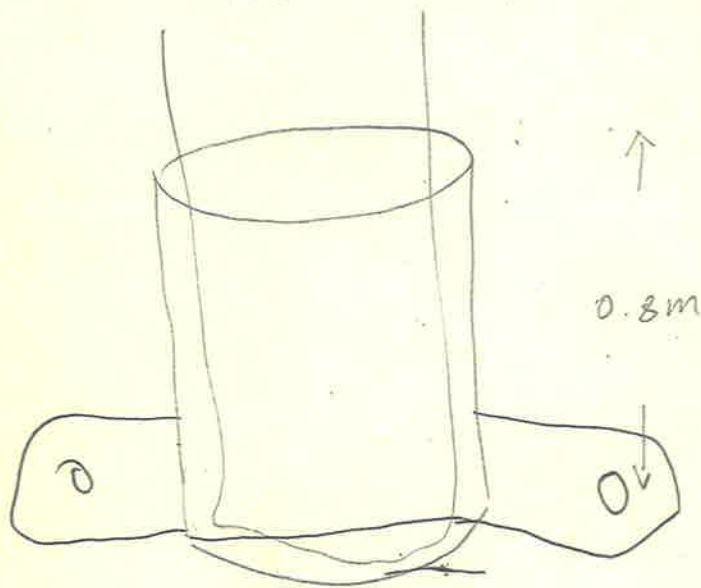
MACLAM - Akec
6 Dolphin Road
Safely Bay.

②

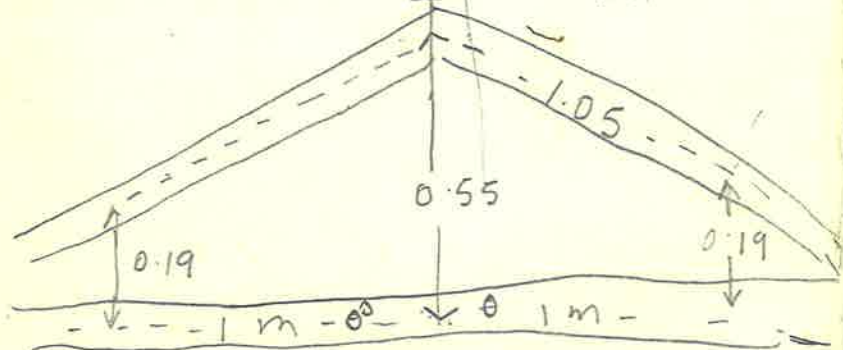


aerial 4 cm Dia

AERIAL BRACKET



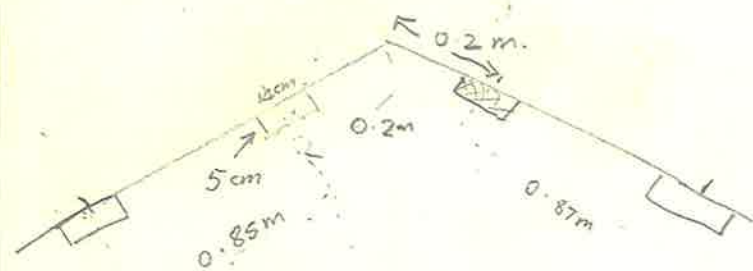
LOOKING NORTH



③

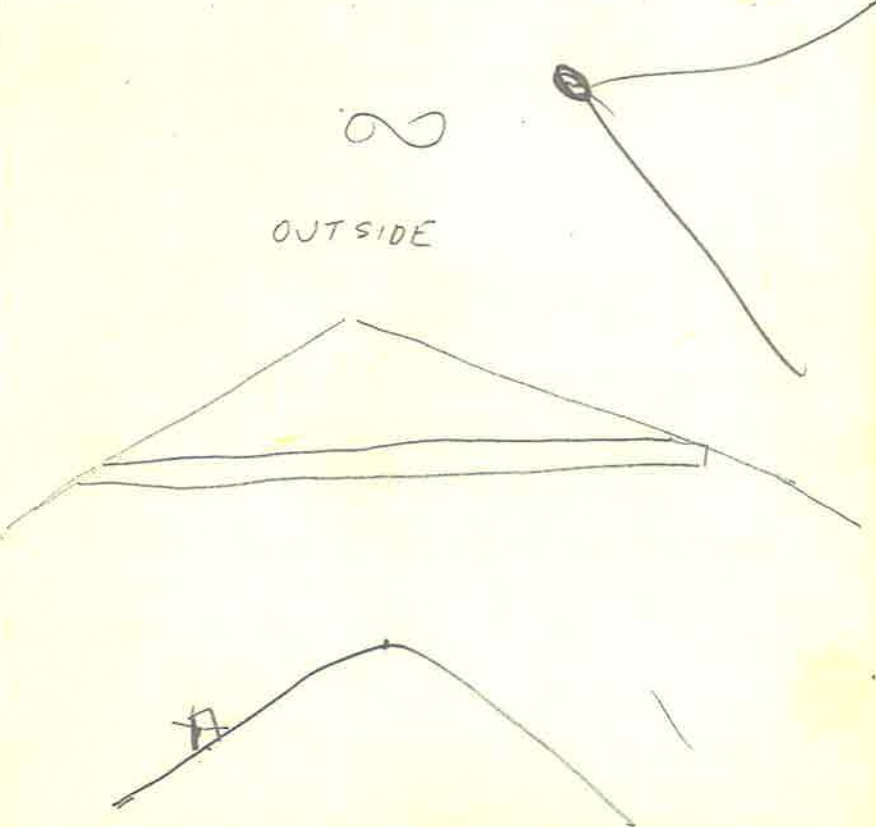
SHEO MEASUREMENTS.

INSIDE



LOOKING SOUTH

OUTSIDE



(4)

8-5" 29/6/81

The Meritum ✓

The association companies ✓

The objectives including
academy ✓The units associated with
floraThe ATAS. and closure
4 mile creek re. tip. creek ^{re blocking}black license issued by
Dept. Law issued, and
to whom

- 1) Blanche Michelson mentioned
about tip closure

Note mention Eider's Act on
the creek.

- 2) Publication available from ✓
Peter Best and Graham. Will life. ✓

(5)

Naturalist Club meeting
Port. Medland 8pm 3.6.81
at Penny Lee's house in
20 Green Place.
1 person present.

2. 5

100' of Teras Spoil bank
above Renbarr. 3/6/81.
Dorothy Kingston.

S.W.A.N.S.

Hugh. Reda

8 ~~8~~ Robert C
South Medland.

Librarian Medland College
P.O. Box 2754
South Medland

(4)

8-5" 29/6/81

The Herbarium ✓

The association companies ✓

The objectives including
academy ✓

The units associated with
flora

The ATZAS. and closure
4 mile track re. tip. ^{re blocking} creek

check license issued by
Dept. Law issued, and
to whom

- 1) Blake Midgton mentioned
about tip closure

Note mention Eider's Act on
the creek.

- 2) Publications available from ✓
Peter Ript and Graham. Wildlife ✓

(5)

Naturalist Club meeting
Port Medland 8pm 3-6-81
at Kerry Lee's house in
20 Green Place.
1 person present.

2. 6

100' of Terns Spoil bank
above Roubau. 3/6/81.
Dorothy Kingston.

S.W.A.N.S.

Hugh. Ridd

8 ~~8~~ Robert C
South Medland.

Librarian Medland College
P.O. Box 2754
South Medland

(6)

Dull Battle

Eric McCrumb Hobbs
C.S.I.R.O.
Gould League

Sept 5th Visit to Hedland

Sunday 13th Staying with
friends.

Whistling Duck seen
by Hedland Naturalist Club

David Winter?
Hugh
Monie Newbold

Ben Wells to
call on us to
Naturalist Club.

(7)

12/9/81 10.25 " Rain
(including oil)

11/10/81

⑧

recess.

Vac. Hose. Retraction
Vac. portable. Retraction

ca-fet Contingent

Chatterfield Oxford \$95.00

9 9.00 \$187.10 laid

\$17.00

Hercules ~~\$125~~ /m

Heiner

\$95.00

⑨

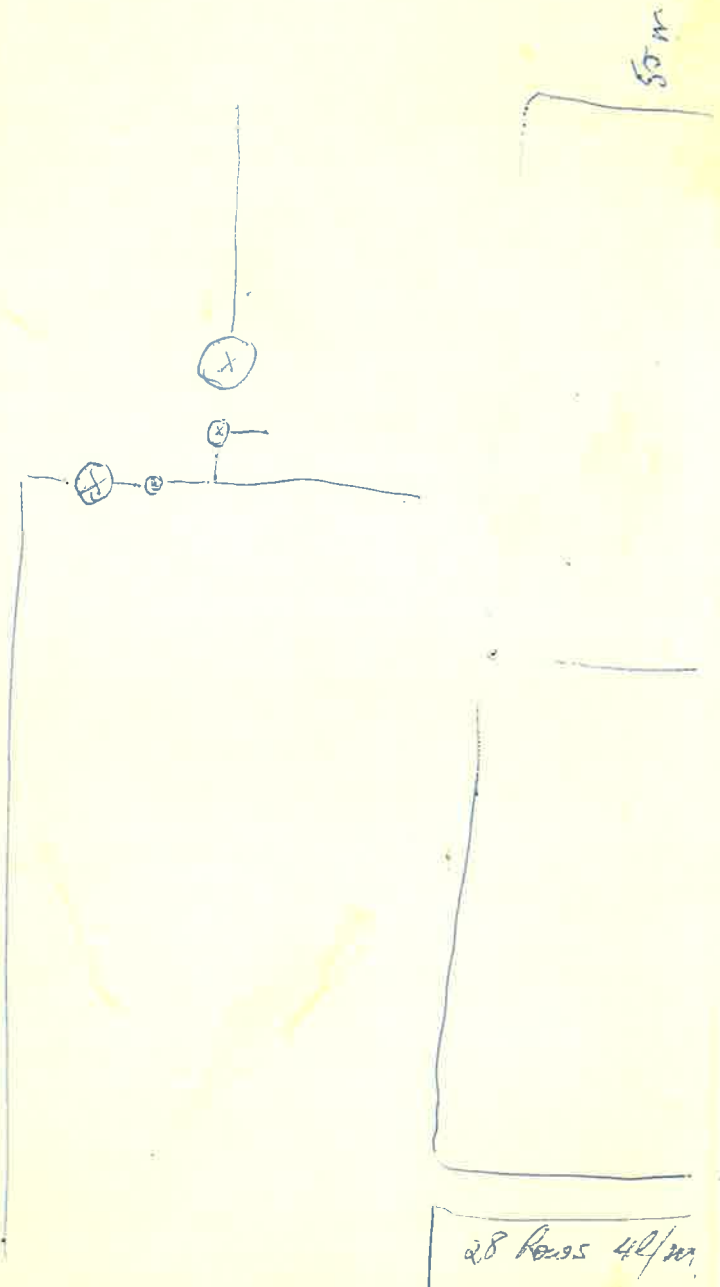
VAC. 2751777
Units 136 Canning Hwy
Fremantle

339, 1653.

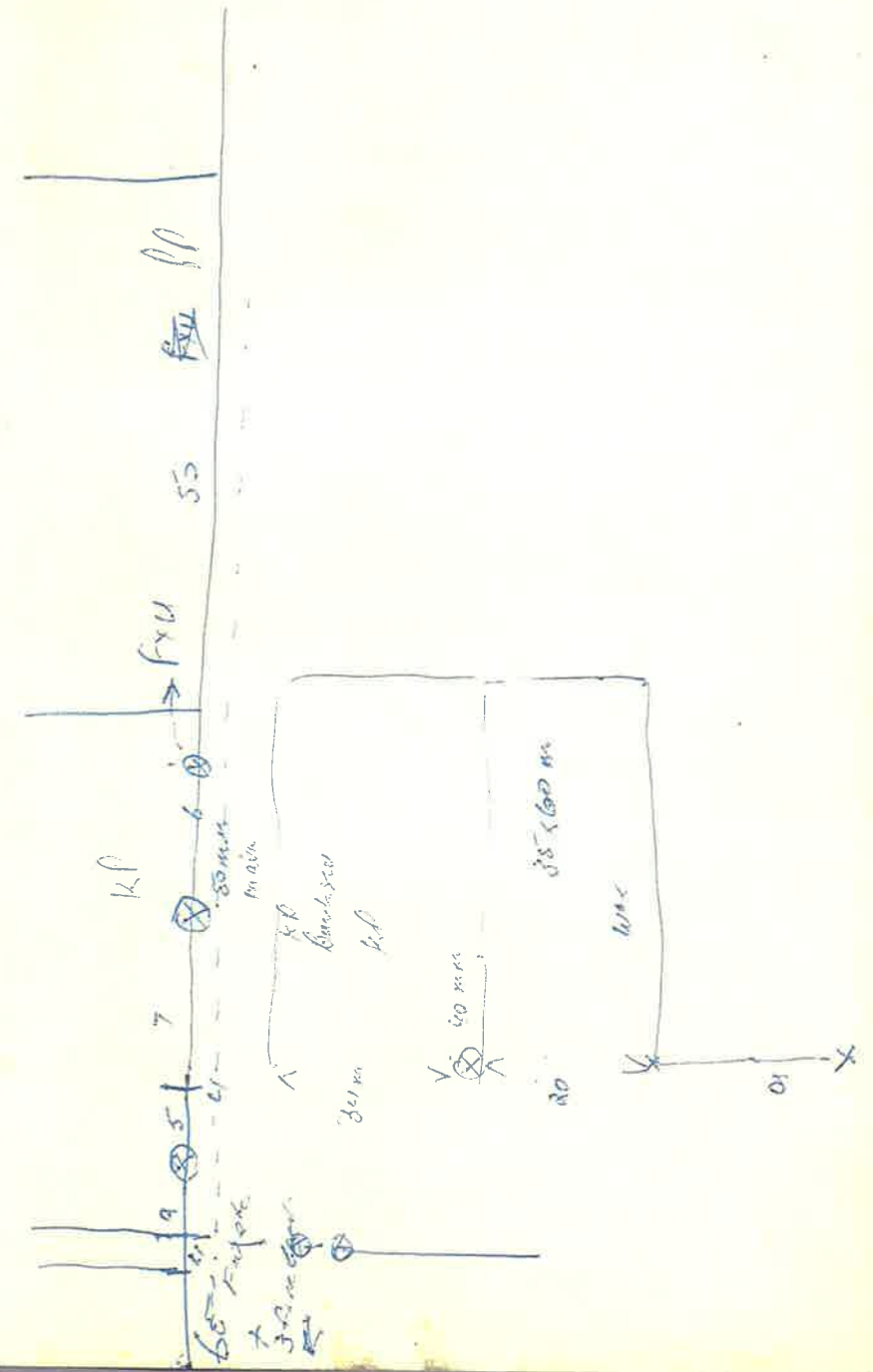
Bummins

10

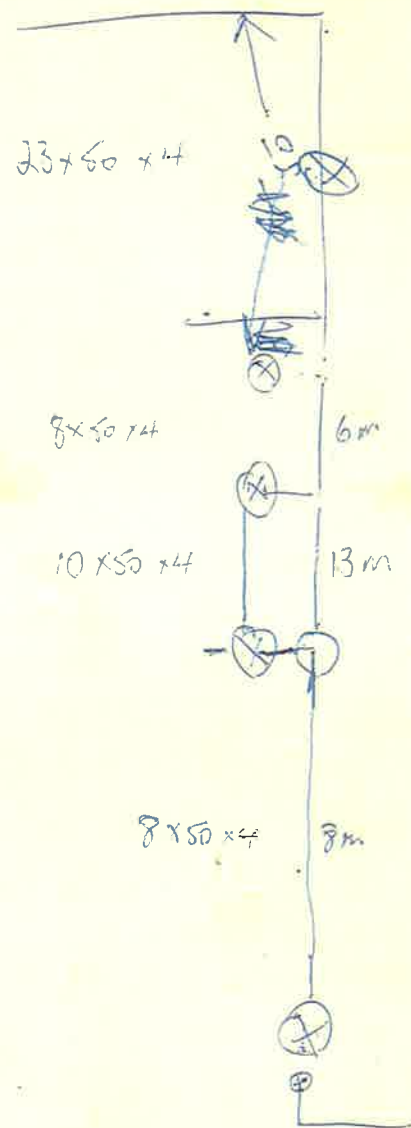
23x50x42/m



11



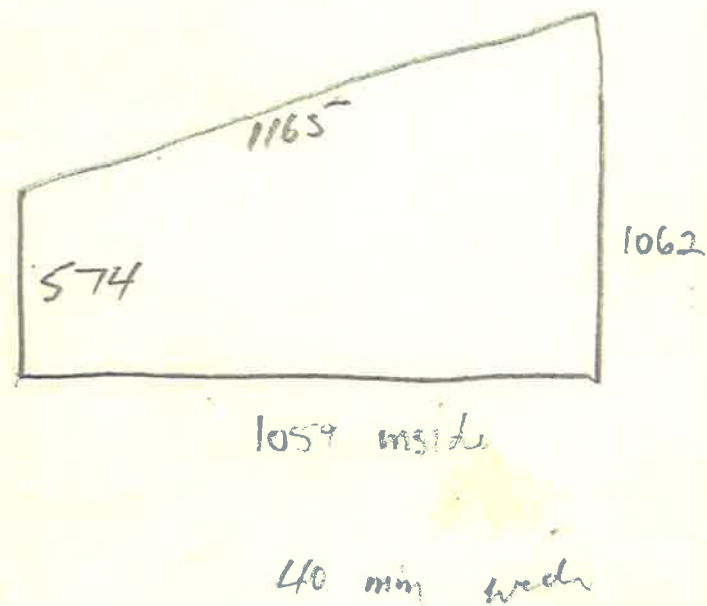
(12)



(13)

Flushing Valves
10 16 mm
50 T Tape

10 225 x 15 Rins
10 300 x 15 Rins



(14)

8

5

5

15

21

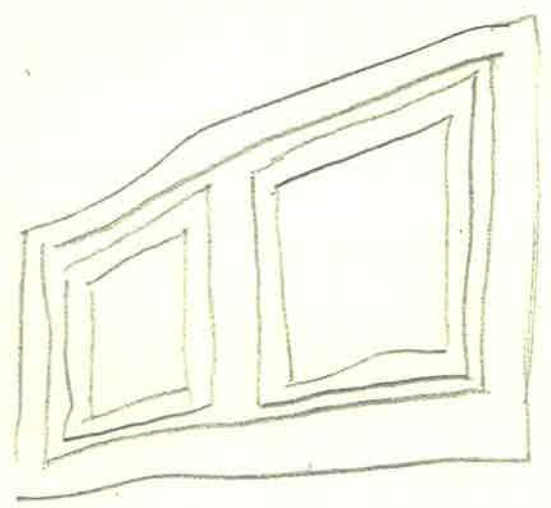
15

Terry Murphy.
2 Dozen Brushes.

Bob Palmer.
401 7723.

Wendell Nott Walker.
Rolling Casing
St. Louis

(15)



65 x 38

(14)

8

5

5 - 15

21

15

Terry Murphy.

2 dozen Brakes.

Bob Palmer.

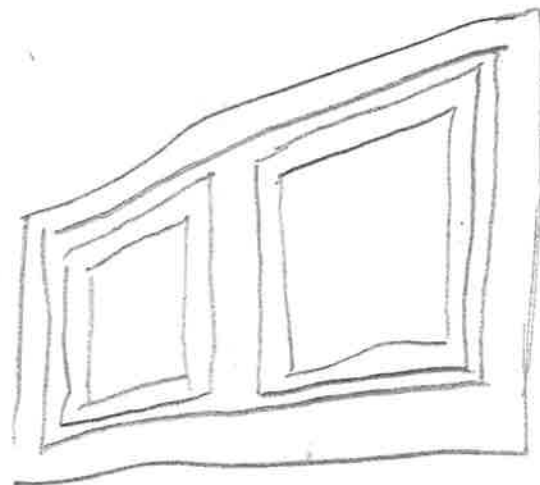
401-7723.

Went to Next weekend.

Robbie Craig

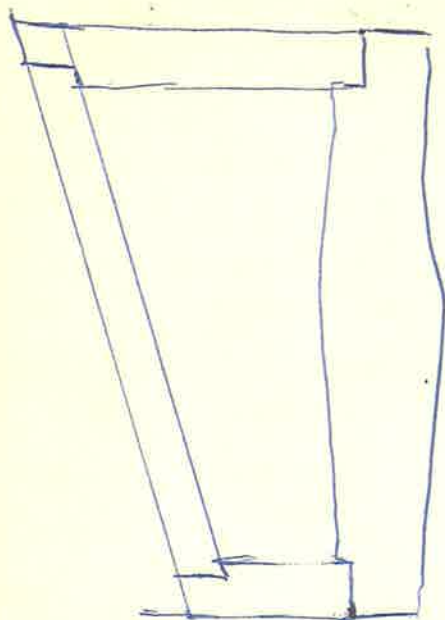
Sat + Sunday

(15)



65 + 38

(16)



40 Sheffield traps 10" x 10" x 18"
20 small Elliotts

and something between
Sheffield + small Elliott

3 + 4

(17)

Nina

095 761011

Res NPT
See TM
Treas S.
1 e. hullfitz
2 Jeff.
3 G.P.
4

Dava How

Barbancin - Microfiche

need a hardcopy from Jim
Microfiche

Sheffield
Whulst
Windsbent

Traps Elliot traps
Frank Horn

(18)

Visas
France

5 day Visa for 2 months \$16.20

25 March,

\$252

Ausi Travel Cover.

Baggage.
Cancel
Medical

(19)

(20)

Datallaw.

Herb.

Chem contr

Bottles

Data.

Confet

Edgewood

Woodbury.

(21)

C: / TST / C: default

* Location of data files C: / TST / Data
 * C: / TST / C: default

T
 N
 U
 I

Default color

when files to hard drive wait

2
 D. default
 C. TST / default

1. modes
 Start linear
 compressed
 Aug.

Serial Port is end where sensors
 cables are.
 Aug in
 Aug in Serial

↓
 modes it up
 ↓
 if probs go thru shut up
 again from (A) return

(24)

2.

2

2

TST 2

2

7

Crest Asc in fl.

asb

h50e+h7

91

(25)

4 to look at mixed.

1
2

3 Ascii

2

2

TST 1000 * - fin

891 H 600

Palm top Conf

Sharp
HP

3000

7x25

50
175
225

Rehda.

9 Days
16 April 24 April

(26)

2340

1750

book A.

Sheet.

200 0133

RD 613 Sheet

Bridgesham Light Truck

175 R 14 C 6PR

M ^F 8 ^{Am} Thien

T 8 choir

W —

Th 8 choir

Fr —

M ^{Am} ?

T —

W —

T —

F

Pm

(27)

Com Can 5 ^{Practice} 4-50-~~th~~
6:30

B

Pm

Volley Ball 5

Volley Ball 5

George.

Tony.

2.45
3.15 ✓
3.30

Carm Amardman's Bill
Phytophthora, Convolv.
Potential Wildflower species

Michelle Buchanan

Tony.

Felicity Tunnay.
Robert Linton

Neil Chapman H/O.
Provide a copy of addition.

Hilook Software

6 4202968

Local. a further copy
extend to cover allways & Colon
other companies

Alcoa

HYDSS

Ag Dept - Albany -

Ag Dept for 1 copy.

Robert Whitson - Skipsys
06 288 2302.

30 May. Package.

Heiron Messay. 420 2969.

Nina 576 1091

Steven Pitt 098 420 560
098 420 533.

130

(30)

Gerry. 747 400

O = 867 mm = Calib. 29.

New slope = 0
New offset = 1299

1354 = 867 00 50 112

867	00.00
770	+ 2.10
690	+ 5.00
525	+ 9.00
409	+ 13.00
295	+ 16.5
2	+ 17.25
520	+ 19.00
635	+ 20.00
867	+ 22.00

(31)

Lc - 2^o Lc o/s Same

12 02 53	=	12 15 00	1496
12 04 53		12 15 40	867 ¹⁴⁷ 1349
12 05 53		12 17 00	778 ⁹⁸ 1251
12 06 53		12 18 00	725 ⁷⁹ 1172
12 07 53		12 19 00	665 ⁷⁷ 1095
12 08 53		12 20 00	622 ⁸⁹ 1016
12 09 53		12 21 00	575 ⁷⁷ 939
12 10 53		12 22 00	605 ³⁴ 905
		12 23 00	686 ¹²³ 1028
			1147

117

12 26 00	731	
12 27 00	790	
12 28 00	841	1369
12 29 00	796 ⁴⁵	1296
12 30 00	742 ⁵⁴	1205
12 42 00	254 ⁴⁸⁸	430 ⁷⁷⁵
43	228	386
44	318	541
45	486	814
46	515	847

All.

in out
~~16~~ 17

~~19~~ 20

20 mesa

23

26

47 landscape MK

38

Pitches

41 Hypocaulus

~~42~~

42

50 wayline nest

~~2~~
~~3~~
~~4~~

2

3

4

5

6

7

8

9

10

11

12

13

14

15

~~Pass~~

Pass

out

out

out

in

out ✓

0

0

0

0

0

0

in

Term Vert ✓

(34)

43 Byles

09	33	00	867	
	34		810	57. 100
	35		753	57. 96.5
	36		698	55. 92.7
	37		647	51. 100
	38		596	51. 98
	39		546	50. 96
	40		505	45?
	41		460	45
	42		420	40
	43		380	40
	44			

 $= 56\%$ $= 48.8\%$

487 mm Diff.

 $= 56.170\%$

(35)

909.872	
844.134	65.74 = 78.86%
779.143	64.991 82.3
715.646	53.497 87.7
656.632	61.014 92.8
599.858	56.674 92.3
547.566	51.292
495.275	52.291
445.225	50.050
397.415	47.810 ← 398 = 43.8%
353.341	44.074 = 58.83% of 909
309.895	
536.531	Probe 1.
61.166%	Shape effect
	1.33865
	149

Doesn't Restart

073 13 03 00
13 27 31

Set up = 867mm

48 mm 78

13 32 12

48

(34)

43 bytes

09	33	00	867	
	34		810	57. 100
	35		753	57. 96.5
	36		698	55. 92.7
	37		647	51. 100
	38		596	51. 98
	39		546	50. 90
= 53%				
	40		505	45?
	41		460	45
	42		420	40
= 48.8% of 867	43		380	40
	44			

487 mm Diff.

= 56.170% of 867

(35)

909.872	
844.134	65.74 = 98.86%
779.143	64.991 82.3
715.646	53.497 87.7
656.632	61.014 92.8
599.858	56.674 92.3
547.566	51.292
495.275	52.291
445.225	50.050
397.415	47.810 ← 398 = 43.8%
373.341	44.974 = 58.83% of 909
m. 346.418	
339.893	1040
536.531 off probe 1.	
56.166% of 909.872	1.33865
Shake effect	149

Doesn't Restart

073 13 03 00
13 27 31

Set up = 867mm

48 mm 78

13 32 12

48

36

Select. Numbers in districts
Talk to Tony re Radio problems

073	14	08	00	706	715.4
			30	680	686.4
	09			650	655.4
			30	628	623.8
	10			605	595.4
			30	582	570.1
	11			560	546.3
			30	543	526.7
	12	00		543	524.7
			30	590	583.5
	13	00		660 ?	661.8
	13	30		725	737.0
	14	00		791	810.8
804	14	30		820	842.01
				115	

37

T1. 57 Bytes

13	31	52	=	74.00	45
13	49	52		886	= 869
gain	=			812.00	824 mm

13	55.42		=	1354	869
	56	00			
	56			1286	68
13	57			1191	95
	58			1110	81
				708	=
			loss =	244	loss = 161

1100	=	705
154	=	00

Slope	1.341844
d/set	154

- 126.7

(38)

T5

43 Byler

073	14	29	00	805	792.0
		29	30	805	
		30	00	786	
		31	00	720	
		31	30	703	
		32		676	
		33		625	
		34		575	
		35		530	
		36		486	319
		37		520	
		38		652	
		39		693	
		40	Full.	856	

(39)

792.0

772.8

712.6

655.1

596.9

549.2

497.8

448.6 344.3

476.2

632.0

783.3

854

(40)

Recd.

1 - 00 - 155

2 - 854 - 1300

T 7

1540

615

(41)

43 B

00 152

1300 854

Slope

10334884

Height

152

1454.00

858.

792.9

772.8

55

56

812

56 30

57

762.

57 30

755

58

728

58 30

700

58 30

672

59 00

647

59 30

622

60 30

614

01 00

609

(42)

	T7	1522	↓	1608
16 08		615		588
16 09		640		
		662		
16 02 00		684	672	
	30	708 ²⁴	697	25
03 00		729 ²¹	721	24
03 30		750 ²¹	746	23
04 00		773 ²³	770	24
04 30		695 ²²	794	24
05 00		818 ²³	818	24
05 30		840 ²²	842	24
06 00		860 ²⁰	860	18
			857	
			860	

2.2.

(43)

To test loggers? - go thru procedure
 Ason file
 Set to 0

'Dead band area of 1" spring
 1" pre fitting

Below 4" mark it is dead.

Page 10 show. may exchange

VASSE AB

Worming B.

Corro. - Benchmarks.

Assumptions on what horizontal

Map with Jim

(44)

53 bytes

072 0825

DATE

AGE

601

073 1628

860

0826

57

5798

(45)

39522

15/3/94

Slope

1.463768

Offset

38.23189

10

10

30

862

10

35

26

362

000

001

(46)

17/3/94

0600 To WRC. Load & attend to
Rem duties

0725 At Colchester & on to BSN

1600 to Vasey - off

18/3/94

0715 to Vasey.

1700 to Bath.

2030 off duty home

(47)

(48)

21/5/94

1540 To Albany

2045 At Albany

Ladder -- Robust look at ways
to secure in transit

Paint inside with
Holt. white with grey trim
inside + out.

Advise us when painting for name

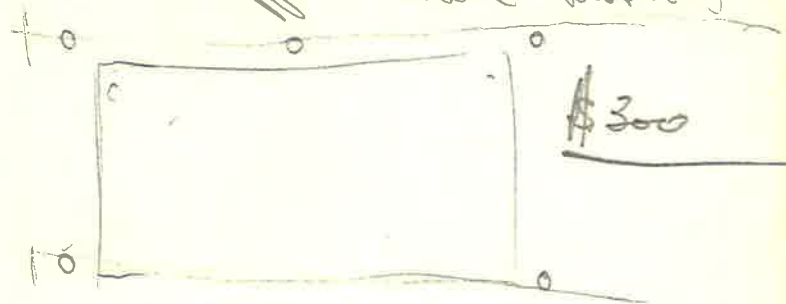
Trailer - multi-roller
Additional roller
spare wheel mounted on trailer
with spare hub.

Oil + Battery compartment

out drive

(49)

Off? - Mike Westberg



~~Seals~~ - Mike to be advised

Kansai Paint

Fremantle Paints

Delate epoxy
Nu CEP

Check with Mike for seals

Long 21' 1" = 6.430 m

Marine Seals - installed

Quarry cap - \$4-500

Tie downs - Quarry locations

~~Drive tanks~~ 2x2 Brackets removable.
cylinder sizes - Tell Mike

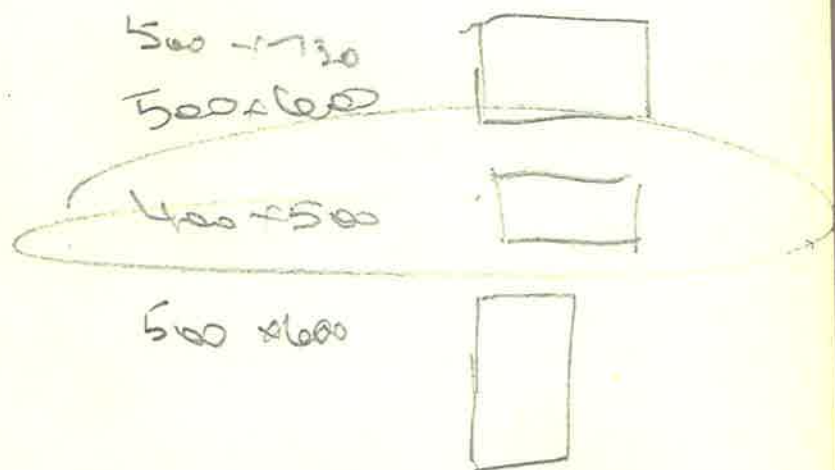
(50)

Dimensions of Gunter Marine Seals
to M W asap

Alan Richards - Tracker 4702833

(51)

	SAH	JAKL
Table.	→ SAH	over in $\frac{1}{2}$
Fridge	2	
First Aid kit	$\frac{1}{2}$	1.
1 Fridge		1
Generator		1
Fridge	1	
Fridge	1	



52

Shes Gull Contnet.

31. March 92.

1000 Am

Training Room

Gordon Wyre.

Bank Zoo

Robbards

Murdoch

Altaguer

Rose

Corr. Thompson

Carandean

Garnett

Skinty

Strong Rep. - 1000000

Tison ALS Signmaker @ 3.00

Alum Bach

200 mm wide Board

CALM legs below

needs total Pop'n of 512/5

53

Shes Gull

3 main gulls on island

island now mays diff - works

resulted in slow decline in pop'n

Don't find camouflage

Was worked

banded birds have shown

that there are special museum birds

without pop'n

Canning

- sign overload - worry

birds's sign hits off birds

Belmonts

- birds on birds in wet areas

Signs

Pop'n reduced

Shelville

- Reduced Pop'n

No water

Top migrant

Replace birds with birds

Shes Gulls are good

(54)

Belmont Forum - Probs for 6-12 mths
2-3000 least sigs on roof

John Davis - addresses open bins
Public Educ. Campaign

Carol Thomson - wants media campaign
publicity

Joe - Bins

Cathryn - Replaced bins
Wants Signs around

NEUKO! - lakes
Milling Prof - Henderson landfill site
is a lined tip - retains water

Nodlands - Problem

Fremantle - no tip Alfreco during

Shirley
Belgaria - takes Bin replacements
control

(55)

Signs

now has pigeon problem
Sign problem has declined

Helamondo - houses near landfill site
Signs - on place
Goes to a lake near landfill water

Wendie - No problem at the tip
has ravens in abundance
- Call any stray gulls to Wendie

Debra - No problem
binway is closed
influx of ravens into city
Some reports of the attacking birds
Foreside bins covered.

Signs

Press campaign

Active in public areas - Pruners

Diet Study - how many Isot Skinks?

(56)

Mekong Roof

Measure water

Ditch 2000 near H. Gray

Aerial Survey of Sig's

Raven produce gulls

Great Awareness Day

Monitoring

Public Awareness

Schools
R.H.O.

G.W. wants 3-4000 for publicity
effort

Finish 1/100

(57)

Vacuum

$\frac{1}{2}$ m/sec is requirement

Read 0.65

Avg = 0.6

With 25 cm gap

at low speed
at full speed 0.42
at full open

at full open
at $\frac{1}{2}$ open 0.65
500 mm open

Trough - 50% down

CAPS - Air Camp

(58)

Tonyola

Camp for 13 Days

Light Tent

Stove 1 Bottle

Gas lamp

12 Volt light

Chair

Buy 2 Directs

Table

Wool pads

Star Pickets

Chair

Axe

Shovels

Collecting gear

SAD

Food

Alom

10 ft Pump

8 HP motor

1 Fuel Tank

Bottle of oil

00.5

Rawbecks Stones

No star hof

Aircon gassing?

(59)

Cooking gear

2 Boxes

Plates

Crockery

Bit of food

1 Pots

Pans

Tie down Straps

Tube

Patches

xx Patches

Tool Kit
for

Socket Set with basic sizes

8

10

12

13

14

18

21

5' drawers

w/Brace

Hand pump Syring

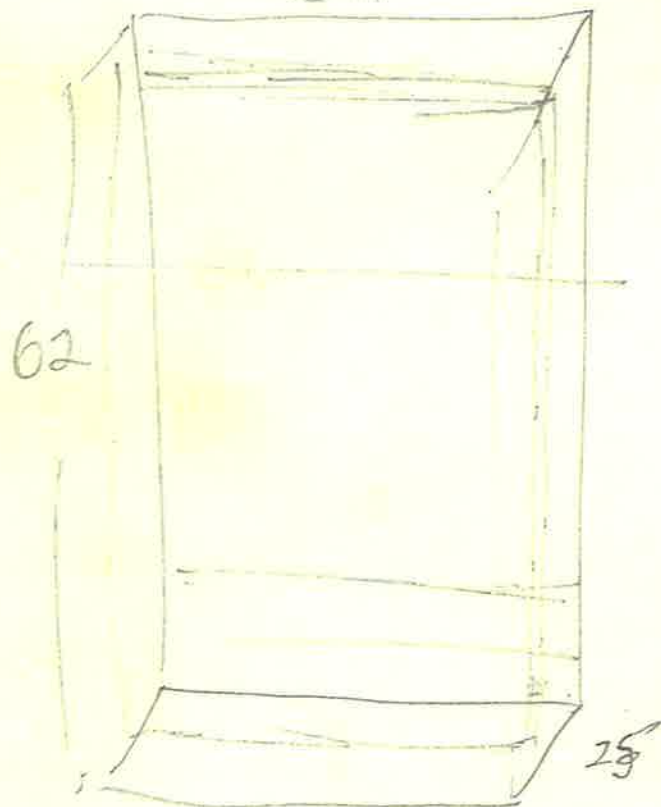
ins tape

(60)

1130 - 1215

(61)

37.



Drop in lid
removable cutting tray

(62)

5/9 Poundville Dr.
Furn Designs

64690 filed 27.2

Screws 6 g x 25 m

Belts 12 mm x $\frac{1}{8}$

Timber belt

Sanding belt 76 x 610

Smokko 9924DB.

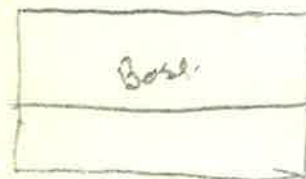
Cables

Aluminum Sheet bent

(63)

18/4/24

340



340



100

12/4/24

(64)

12 Volt light
Chair
Gas Bottle

Tyre Repair
Tyre lever
light

Shovel
Tools

Sockets
S/drivers
Crescent
hammer
order

Tyre Pump

300 P.P.

Tonp
Fast ing
Bolt. $\frac{1}{4}$ x 11

(65)

Glasses
Photos.

66

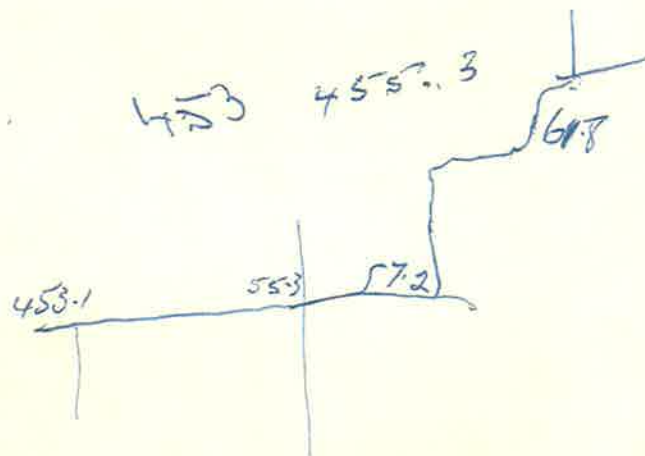
W2c → muchea 50kms x 2 100kms

$$\frac{60m}{20} = 3 \times 4.5 = 13.5L$$

$$\frac{20}{9.45} = 2.11$$

$$\frac{9.45}{10.00} = 0.945$$

$$\frac{10.00}{70/wk} = 0.143$$



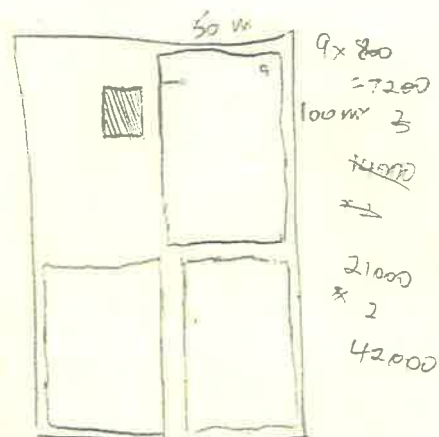
67

4021211

Gill Clement Clement Realty

200000
80000
20

300
4.5
2.3
7.5



320000
80000
240000
220000

(68)



(69)

For Vasse B.

Remove orpusts back in peeps

instal. 3. Data recorders

Re-soundings

GEHA

Copy former.

Mitten roof looks

roof sounds are loose & moving

Deney P-fighting Pump

Drop trees. 3.

Mike to do course

(70)

Turnon.

2 Dablon

Type Dablon

Full = 862 mm

TP =	47	39522	
T10 =	35	39520	
T11	35	39521	836

$$\begin{array}{r} 862 = 836 \\ 36 \\ \hline 26 \end{array}$$

592
240
131
130
130

Wen East

Red Card turn my turn
146 15 27 36 = 15 37 53

(71)

26/5/94

Heron Pt Land

Depth = 0.165

40 mm pipe class a
Dashed full length 150
x 12 mm hole

Binding rope

Plastic bag. 40 cm
ms tape

Straps

leave lot of records out.

Water Sample

5274

Nech. Method

524 022

Depth

my Time

39522	510594	0.085	1307.
39520	W10594	0.305	1548
39521	V10594	0.265	1551

Red turn = 146 14 08 17
14 12 37

(72)

T9 145 1345 532.7
1430 62.7

TANK
DEPTH

T10 145 1345 822 = 862
588
239
131
129
130
1515

T12 1345 836 862
592
240
131
130
1515

(73)

Vasee hogget V10594

Rushleigh Rd

D & M Haddon

V20594 = 255 mm deep at 1315 ^{max} _{min}

30m dis from fence

Wonnarup

W10594

Swan Lake

S10594

00
00

(74)

Clear mounts with cloth carbon

(75)

3/6/94

Harvey River
at mouth

Road 260

Shel 2

Sigil 3-

Gyil 2

River

Push 6-

Gyil 4 + 2 . 1 . 1 . 4

Po. 2 0/1 head

Cook 2 + 30 . 2

Life 1

Dark 3

0000

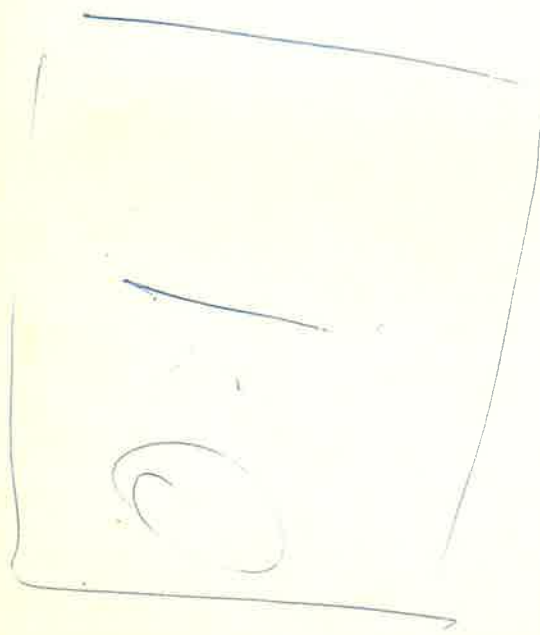
0000

(76)

8/6/94

Gauss Mause Readings
in Computer Room

Continuously less than 1.0
milli Gauss along the
route of the cable channel
in the floor



(77)

Heavy ESE
every 200 m.

100

0.1

or 10

Thurs.

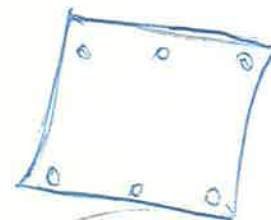
0.0 to 0.2 up to 7.0

at intervals of 0.2
7 B.Kms long.

36

147

Markers
Black & Silver
150 x 150



30 x Galvanised

4.6 Star Pickets

Stainless steel Wire Heavy

Sledge

Pliers

Tools for marking

Small med. Wed 0900 Doug Coughlan
(78) Butchers Papers.

Binoes
Telescope.
Waders
Thigh Boots
Dumpy level
Stalk
Tripod

Vests Avon Afford #98

Back of Osborne Fibreglass

Spirit Surf Skis
Reed 11 Guthrie st
OSB Plk.

Keith (79)
4000

melt tube
concrete shed.

Korn Firth 263105
Fraser Rally. Estuary View Dues

Drive down Tuesday
Read ~~see~~ ~~detaloger~~
msid. new loggers

Stop pickets 6' GAA. 1000.
films as 64 ASA 36 Kodachrome

Setup

Rangefinder
Mobile phone.

Concrete

4000
2000
500

(80)

Wed. 15/6

0900

Doug Coughran

Butcher Paper

Slide Projector

• Pins + Board.

Thurs 16/6

Heavy Est.

3224410

2-30m

#110

99 5.

97. 20

97. 30

Maylands

Associated Instrumentation

2710622

30-150 m

Range 620

#176-4

+

2-12m at 180m. +

(81)

10/6/94

Vesse - w.

Mikes next trip

early August

Night Survey

8x56 B&B
N/scope

Shovel Sweep
Anchor Rope

Range Finder - Needed August

M/phone.

Anemometer

#700 Yes

Replacement Gauge

Alvaro Hand Held
For Colleen week
in advance

Calibration of loggers

Jinks Nbooks

56 + 7

(84)

16/6/94

0515 Towle

0645 Cellar

0830 Wren St

Harry River

Gyff 60

Pake 30

Muss 1. 3.5 km

Wand 1. 5.19

Station 20 Here / Whistle within 100m

Mand Juv. Fully feathered

Boats

(85)

What Garden list as Mease

July We through
hardwork

into Disease + Admitt
of Best Phytis

David Jones & Rodger Chick

(82)

Vasse Wonnereup 9/6/94

Near Ford Road 29.5 g₁₀₀ 16.30°C

Calibrated Harmon at 25.3 seawater

Vasse A Colony 27.9 g₁₀₀ 27.9 g₁₀₀
16.20°CESTUARY View Drive 14.1 g₁₀₀ 16.2°CArm of ESTUARY on East Side of Pt George
4.6 g₁₀₀ 16.2°CEast End of Wonnereup 27.2 g₁₀₀
16.20°CWonnereup West End of Layman Rd.
16.10°C
28.2 g₁₀₀

(83)

Vasse Wonnereup
27/5/94Vasse 1 Data Logger Site
15.2 °C21.9 g₁₀₀ x 2 = 43.8 g₁₀₀
Diluted sea : sea temp waterWest Wonnereup Culvert
13.6 g₁₀₀
15.2 °CFord Road
19.4 g₁₀₀
15.2 °CWallace's 22.7 x 2 45.4 g₁₀₀

26/5/94 = 146 Julian days

Integrated Pest management
Cultural
 availability of chemicals is
 going to become less & less

Control weeds.

Resistant movement

Design plantings for air movement

Remove plantings

Biological

Predators

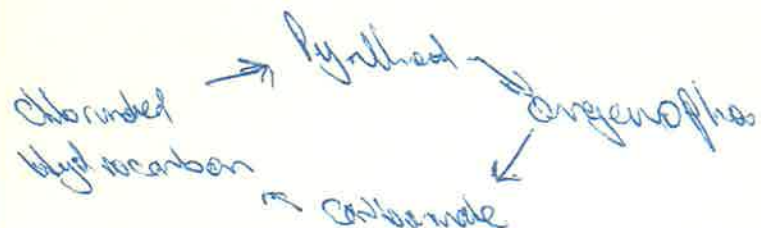
Preserve natural predators

Chemical

Target spray
 correct chemical & rate
 effective application
 prevent resistance

Persistent Pesticides

Abundant Pesticide families



Use persisted for 2-3 weeks
 + then change or generation

use rec. rate
 use at rec freq.

(88)

Thief	S	S	A	W
Red Hat	✓			
Belarus	✓			
Seal	✓			
weeds		✓		
Grubs				
Wish	✓		✓	
Boys	✓	✓	✓	✓
miles		✓		
Stoppers		✓		
Nurses	✓	✓	✓	✓

Bugmask	Sevin
Thiodan	Endosulfan
Rejoice	
Supracide	
Pyrethroid	Ambush

Colleen Hubbard
470 Badgerup

(89)

Pyrethroid

CH

OP

C

Bulldozer

So ↑ ↓

Sofracide

fortnightly

Phytotoxic

Nitrofoil

(90)

29/6
Wonnep 12 x 10 1/2 ft

Vasse ~~12 x 10~~

End of average line
Deepest point

At present we have 5/15

We need Scan down 15 mins

Reed when 1 hour

Report at midpoint of lead period

Down lead. other units

Swan Lake

Scan every 2 hours

Reed 6 hours

Start at 00 00 hrs.

(91)

Thigh Boots

3. 6 59.00

3 10

6:30

6 down way Sebro.

Fuel

Pre Pipe 1.5 m

Ladder

(92)

Swan Lake.

39522 24 cm 542
1680 2200 (1531)

New Slob 1.055893
500. 0596

old Slob. 1.463768
3 8023189

Installed gauge at Swan Lake

Strong wind clear but began to spit
at end of job
water level = 34 cm on gauge.
Calibrated to Fujin above

0923 to 1015

20/6

1.055893
0.558

At site 30/6/94 (93) Wonnemup East Side
W1. 30527 1000 30573 1800

10-30 to 1230 285 120 mm
2281 1615

12/6

1.022958 ✓ Leaf
131.045 ✓ Leaf

VI 39530
90 Vase.

1245 to 1330 30/6/94 Wonnemup West
At site 29872
W2 01. = 194
2307 1675

1353698
32.55687

1.055893
0.558

At site 39871
11/5.
1300-1430 202 122
230 1675
1396652
30 60851
1/2 New Vase

Is this Vase ~~new~~?
Yes.

(92)

Swan Lake

39522

24 cm 542

1680 2200 (1531)

New Slob

1.055893

506. 0596

old Slop.

1.463768

3 8023189

Installed gauge at Swan Lake
Swans 4.

Strong wind clear but began to spit
at end of job
water level = 34 cm on gauge
calibrated to Fujin above

0923 to 1015

30/6

V1580 (Mudgib) 1120

0058

At site 30/6/94

(93)

Wormer East Side

W1.

39520

W10 11/8/93 39573

10-30 to 1230

285

120 mm

2281

1615

126

1.282958 ✓ Leaf

131.045 ✓ Leaf

VI 39520

old Vase

1245 to 1330

30/6/94

At site

39872

Wormer West

W2

W1 = 194

2300

1675

1353698

32.55627

W2 2 New Wawa Site

At site

39871

W3

202

122

1800-1430

2310

1675

Is this Vosse?

Yes.

1396652

30 60851

1/2 New Vase

(94)

This must be Vasse 9, dat 28/7/94
xV9 xV3

~~1500 1530~~
VI. Down loaded
6547 Byles
102.
30521.

20/6/94 305

C: 1 Data 1/3. Dat

10/10/94 30500?

16 This Vasse west. 16 - 18 → WAWA Vasse Site (VE)
Haddon Rd.

VI. 6547 Byles
Swamp Lake 6685 Byles
W1 6721. Byles

(95)

Vasse 2.
Installed 20/6/94
D = 80 cm
(6 cm above clamp)
39871.

Depth at Floodgate 68 cm

August Dats
Reg Dept Name Asker Higgins

147 = 26/5

(94)

This must be Vasse 9, dat 28/7/94
 RV9 VR3

VI. Dawn loaded
 6547 Bytes
 102.
 39521.

30/6/94 1305

C: 1 Data 1/3. Dat

Refused by 39520?

16 This Vasse west. No - is → WAWA Vasse Site (VE)
 Haddon Rd.

VI. 6547 Bytes
 Swamibak 6685 Bytes
 W1 6721. Bytes

(95)

Vasse 2.
 installed 30/6/94
 D = 80 cm
 (6 cm above clamp)
 39871.

Depth at Floodgate 68 cm

August Data
 Ag Dept Name Date logged

144 = 26/5

(96)

~~(32000)~~

(97)

39520 = VI. @ 1/1000.

Veise data legger
Rushberg

39521. #1. 180 = 122mm

#2 2300 = 1675

1.36 8963

12 98648

Joan.

✓

∞
0'

(98)

Joan

4/7/94

39521

1100 hrs

Depth - 1280 mm

Fix

Door locks in truck

Ren window

Hamon Electrode

Hamon Solution

Telexol Bushnell

Radio

HF

(99)

Creery. Logon

Swam 62

Gill 1

Ylva 3

RWA 6.2 Overhead

(100)

202L

2009/

in bu

02/1

95,000 - 120,000

229,000

15 shaft

3 Blm House
kit Sheds
Power

-crab 9.8

Ken hearing
Murray

529 2760

ho 1495

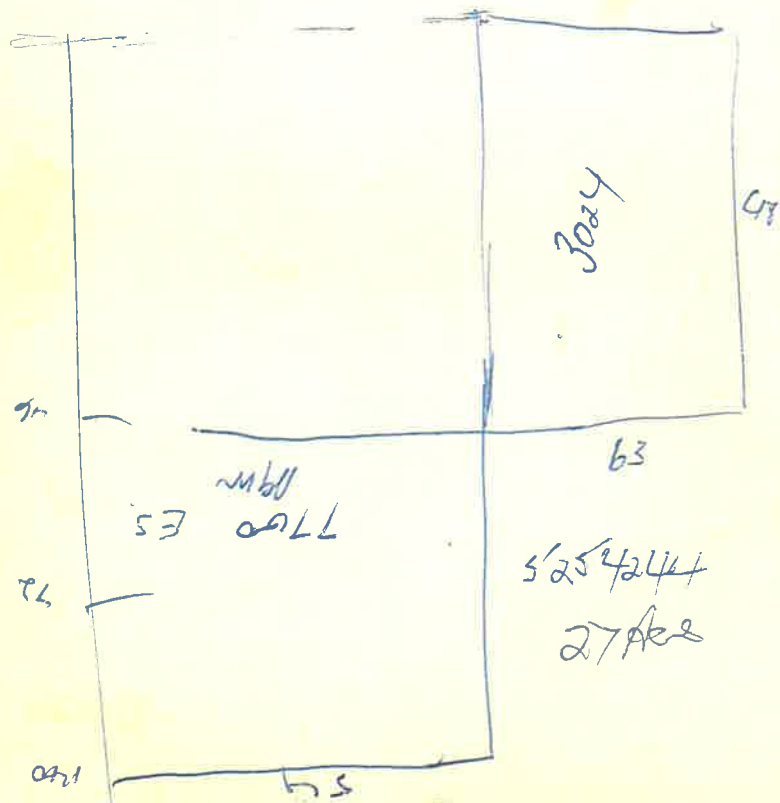
018917469

in bu 10224 19 m

10/01

67 57

Stm Est D1



(101)

18/7/94

Harvey River

Fry outboard linkage

Take sample of sea water for measurement

Calibrated Hydron at 35.3.9

Also had it at 35.4

3km Dist 2-3.

5.5 km 5.0

McLarty Depth 0.929
Water Sample ✓

Robt Bay Don Depth 0.76
Water Sample ✓

Peey Skills

Bandy Isd. Pels.

Darnett Seate

Sue Dieford

229000

3 Bim

Power

No Phone

Stockyard.

350.

230

120 000

60

60 000

8 NY 930

70K 968

Reminds Heads

Serial 100.

824 VWF

70E 344 ~~FF~~ Didn't have one

Make to report on radios

12 litres/sec
350 KPA

Ditchwitch

104

Neighborhood Water Bob Palmer
Sept 2nd Week School Hols.
Cost 772.3.

105

19/7/94. Horsey River 5.5 kms 0.69
19/7/94. McLarty Lake 1.49

27/5/94 Ford Rd 38.89

5/7/94 Robert Bay 2.19
5/7/94 Medley Lake 1.49

30/6/94 Wallaces 22.49

9/6/90 Vorse R 26.29

5/7/94 McLarty 1.19

(106)

3 Swaths 2 . 1 . 1 . 1 . 1 . 1 . 7 x 35 2.45

Swaths 1 . 1 . 1 . 1 . 1 . 5 x 20 1.00



1 . 1 . 1 . 1 . 3 . 2 . 2 . 4 .

2 . 1 .

15 720

1000 watts 16.1063
16.1063

17.00/day
2.00/day

(107)

lul Clement

Island Point

Pick up in 7.30 Am Thurs

108

3/50

Went to 1st Gate

Start E 1st 1020

Swamp at 1055 2.

Start again 1100

all pillars missing

Finish at 1120 at 67

Ground still piled up by
at edge of clearing

Swamp

shot 1134 to 1245

1150 Hrs 414 mm at Post
1150

1124 475 mm at Post

109

Dark Gauge

475

1424 Hrs

Tide DG

1045 1500

(110)

3/8/94

Honey Ruise

(111)

km

Reading

+ 350 m

1245 Start at 0.0 Centre Run

1312 2.0 km 2.4 2.75m

1315 2.3 km 2.3 2.65

? First tapan tree Rts 2.6 2.95

? 2.5^{km} First log Rts? 568 { 2.3 2.65
2.5 2.85

? 2.7 spike 505 3.7 4.05

? 2.9 Seat 556 4.7 5.05

? 3.25 spike 603 2.5 2.85

1335 = 3.5 km

1340 = 4.0 km

? 4.4 2.7 3.05

Depth gauge = 4.4 @ 11.50

4.75 @ 14.24

Island Pt. 1500 0845 1500

Ca 5.0 spike 671 3.3 = 3.65

643 2.4 = 2.75

4 bend 685 3.0 3.35

hunch 659 4.2 4.55

547 3.0 3.35

523 2.6 2.95

529 3.2 3.55

14120 Fins L

(112)

4/8/94

0630 to Coll.

0730 to Island Pt

0830 to Island in Port

Dist = 0.39.

Proble to 1.5 km.
Riv Fleet 50 km Dan 28
Up to Dr.
200 hilt + De

Dist 29 km

Gal Star Pilot 129 mm x 100

(113)

6 lengths 50 clg.

4 x 50 Caps

4 x 50 x 15 Forest Tees

6 x 50 elbows

~~2 x 50 1/2" bands~~

2 x 50 Tap + fittings

2 Joints

2 x 50 Tees

2 Yanker unions

A/dake

725 470

721 925

721 885

012 230

01 848

725 681

093

576

~~824~~

~~892~~

772

m/15.

114

National Photographic Index

1 Stanley Lane

East Sydney

02 339 8311

02 331 4912

Download Data loggers.

Meet Jim at Cafe at. lunchtime 1230

115

With the Seabirds

Macrophyte. in line

SR.

W2

W2. 11/8/94. Wormanup

New Wawa Site

East of tide gals Womaref

~~# 39521 removed from Journals &
10/8/94. Data shared as Joo 202~~

204 Bytes Field 31. # 39872

Down loaded from 39872.

is mine ~~leave~~

i have heard

7.15 volts on a v.

Slot top of PVC ~~will~~ $\frac{1}{8}$ inch to $\frac{1}{4}$ "

Drop probe into tube & locate center

in skin, Tape to foot.

Don't use a bag.

Depth at gauge = 680 (lbs of Slop.)

Seventhale May 0:56 Defn 1620 Ans

#39522 6600 Bygones Desert at 1 hr. - 6 hrs

Swam lake Seen 2 hrs

Decord 6/10/19

at 16:35 hrs

Spd at 00 00.

11/8/94

6.84 Volt

Vase.

34872 W2 Wannen mit Seide

39871 V2 New Core Site

39873
~~39870~~ W1. Woman's East Side

39520 ✓ Wrench Vase Site Sth side
2017 bytes # 39520 ✓ 7.23 Vols

Property of Dams Haddon

39873 Womanul East Side along
Rene opposite old lake in
Ploughed Paddock 7-12 v

Wm. H. H. Flow gauge 1555 0.28 Depth gauge
Wm. H. H. Tunnel House gauge 0.55

(118)

Swanlake down loaded at 181 Days

Timed Start

SI Swanlake

WFI Womnup Floodgate West Side

WE Womnup East

VE Vasse East WMAA Site

VW Vasse West New Site

Will not accept new recording data
unless relating previous data
with

unrelated last reported series but
no diff. recorded

(119)

	11/8/94	Time	Diff	Wts
Swanlake	39522	1635	0.56	6.8
SI 22494				
			should be	12.8

Womnup Floodgate 39872
WFI 22494

Womnup East Side 39873.
WE 22494

Vasse East WMAA Site 39520
VE 22494

Vasse West Side New Site 39871.
VW 22494

Start	Set time	01 00 00
Seen		00 15 00
Average	01 00 00	01 00 00
Time	00 00 00	is invalid
Timed	Start Made	226
		01 00 00

New Battery at P.O. Valley
Below 5.5

(118)

Swanlake down loaded at 181 1/2 Days

Timed Start

SI Swanlake

W/W Womnup Floodgate West Side

WE Womnup East

VE Vasse East Womnup Site

VW Vasse West New Site

Will not accept new recording data
unless including previous data
with

intended and reported same but
no diff. recorded

(119)

	11/8/94	Time	Diff	W/Ls
Swanlake	39522	1635	0.56	6.8
SI 22494				
			should be	12/8

Womnup Floodgate 39872
W/W 22494

Womnup East Side 39873.
WE 22494

Vasse East Womnup Site 39520
VE 22494

Vasse West Side New Site 39871.

VW 22494	Start	Set time	01 00 00
	Seen		00 15 00
	Average	01 00 00	01 00 00
	Time	00 00 00	is invalid
	Timed	Start made	226
			01 00 00

New Battery at 8.0 Valls
Volts 5.5

(120)

12/8/94

Vagise ~~no~~ West Side near

Seawage outlet.

Replaced 39871 with 39521 at
0935 hrs

Depth of gg = 840 mm Still
2057 bytes 31 fields 39871

Removed from site & downloaded in car
Start time 182 00 00 00

Scan 15

Avg 1.00

Reeds 1675 0716

A Says log ended on log 224
but should be 225

39871 = 6.42 volts

VW22594

Vagse Phodgals 0.29. xflouring
not

Wannup

0.28

(121)

12/8/94

Wannup West (Phodgals)

log # 39871 Replaced 39872 at 1025

Depth - 785 mm

Returned to car to download

logged at 0930 = 849.114

Reprogrammed 39872

Tuned shot 01 00 00 226

Battery level = 7.11 volts.

Depth Tunnel House 0.56 m.

VW22594

(122) Swanlake.

12/8/94 1110
Revised 39522 and
refined with 39872
Depth 0.58 at 1120

1120 a cor

S122594

→ 25 bytes for 39522

Battery level of 39522 6.84 volts.

12/8/94

1145

(123)

Vassa East

old water site

(Haddon)

Revised 39520 with 39522 (wires)
Depth = 474 mm

VE 22594



45 bytes

511.233 Start Depth
474 mm depth

See At 1540.

Programmed 39520 to

15 m

1 hr

01.00.00

226-day

(124)

12/8/94

Wonnerep East Side

Instel 39520 Remare 39873 ✓✓

Programmed 15 min Scan

1.0 hour Avg

Come on 0100 00

226 J Day

Taped into place - still need packing
to keep the screw locked in the slot

Removed 39873 at 1615 hrs

Down loaded 39873 at 1630

Datalogger had not started

Re programmed for 0100 00 at 226

Need Multigraphs

Tray

Box

Schris

12/10/94

(125)

1 1345

Wonnerep East Side

226 39520

Call the file

Yes Confirmed 39520

WE 28694

ca 2900 Bytes

Re Set to Scan every 15 min

every hour

Start time 287 0100 00

Measured Voltage 7.07 Volts.

Post exposed 1851 mm

Depth = 810

Vasse East 1530 # 39522 Yes ✓

WE 28694

2929 Bytes 6.77 Volts

981 mm exposed pipe (gal)

565 mm deep at 79.

Finish 1550

Vasse Floodgate 0.38 1610 hrs

39521 Yes checked. 1620

Vasse West WE 28694

2981 Bytes 7.06 Volts 1307 mm gal steel

Finish 1630 Not cleared 535 Dab

144

PtH to Sengokent 25/4
Seng - hand 26/4

PtH to
hand → hand.
hand → hand.

hand → Bangkok
Bangkok → PtH 12/5

140
74
70

4hs
6000

240

35
170
3

148

3H \$270
1Pht \$150

	80000	
5000 Wtx	3500	
Pump	2000	
11 rigs 200 m 50 @ 15	450	8000 RP
200 m 40 @ 12	400	= 10 m.
50 fillings		= 600 m. 2.5
5000 m T Tafe		
Q200/120	1000	
Foot	200	
Rocky Hox	200	
Ref	1000	
Water Quicks	2000	
	<u>4300</u>	
Power	2000	
Roads	2000	
Shed	5000	
Inc. int	2000	
	<u>20000</u>	
		10000
		= 900/mth



(130)

Boundary Isd.

27/1/95

APL. 100 on shore.

200 in colony. + 30

numerous large males with
extended color

(131)

(128)

13/9/94

Chandela 0.83

Bamboo -

Croakers 1.15 7.60

Caren Caren BK Narming CK in flow 7.60

~~Logue~~

Guraga 0.52

Logue Dry

Egans 0.17. 7.89.

(129)

(126)

Wren at Ford
9/9/94 Depth = - 0.10 at 1025

12/10/94

Wom. West

Wom. West Floodgate 0.25 1655
WW 28694
39871 checked OK 1710

2971 Bytes
installed. mm prog 287 010000
00 1500
01.0000

6.61 Volts

1178 galsosed

688 Depth

Not cleaned

Replace battery problem

(127)

12/10/94

Swan Lake

1750

39872

D = 0.48

Wanne. of

Tunnel has 0.48

700 lbs

530 bytes

1174 Dxfosed

478 mm depth on gauge

Cleaned.

Re set at

010000

287

020000

060000

Back to vehicle at 1830

Spoke to Ann Wallace. Said not to
bother to come to house in future,
if in hurry. Will help ourselves.

146

125460

9076

123

257536

5
2

5