

Finalised indexes, received
16/2/2014 and provided (+ saved
to CD)
on 17/2/2014
J.

Grant Pearson's Field Notebooks

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24/4/95 → 5/11/95
OK Tadi

58

①

23/4/95 Sunday

0615 to Airport

0730 Depart for Cairns via Adelaide, Brisbane

2015 A/C fare Taxi to town

2100 phone Perth \$3.00

2250 finish

Taxes \$60.00 SH paid

Darcy back on 30/5/95

Auss 30/6/95

Need a car

②

24/4/95 - Cairns

0500 Country Comfort lodge

0600 Taxi to airport child in. Departure by 0700

Excess paid

Bought watch \$95.00

0730 Depart for Hogen

1015 Hogen

A/C 20.00

Through Customs Bought Basil 10.00

11

Bakery 20.00

Rice 5.00

Rice 8.00

Shell 2.00

1130 On to Tabubil

1215 Tabubil & met Roger

1330 Helicopter Bellair to Manda Gomur

1430 Picked up by Ross & on to vessel

Archimedes 35' steel hulled twin

Inlet from chisels 8 knots downstream

4 knots up stream

①

23/4/95 Sunday

0615 to Airport

0730 Depart for Cairns via Adelaide, Brisbane

2015 At Cairns Taxi to town

2140 Phone Perth \$3.00

2250 finish

Taxes \$60.00 SA parcel

Direct back on 30/5/95

AWS 30/6/95

Went a car

②

24/4/95 Cairns

0500 Country Comfort Lodge

0600 Taxi to Airport Check in Departure by 0700

Gleeson Street

Bought watch \$95.00

0730 Depart for Hogen

1015 Hogen Air 20.00

Through Customs Bought Bag! 10.00

" Baskets 20.00

Bow 5.00

Bow 8.00

Shell 2.00

1130 On to Tabubil

1215 Tabubil & met Roger

1330 Helicopter Bell 212 to Monda Cairns

1430 Picked up by Rick & on to vessel

Archimedes 35' steel hull'd twin

Inell twin diesels 8 knots downstream

4 knots upstream

(3)

1600 Boated around Oxbow. River

2-3 m higher than Dec. 94. Flowing strongly. Water relatively clear in turbidity but dark color. 6000 cu m/sec. flow.

Kiunga in 20-40 m ASL & 080 is 10 m ASL. Boated around Oxbow and then back for fishing for Barra with lures & short rods. Line used was about 15-20 lb.

No bites. Mosquitos arrived returned to Archimedes.

7:00 Dinner.

2200 Soaked out beds & locked to try the forward bunk. By midnight I was shivering from Pumes & heat. Removed sheets & slept in lounge on floor. Between corners & gowns got little sleep. SH & some. Woke at 5:30 & rose for Coffee.

(4)

25/11/95

0800 from Archimedes

0830 At Momba - picked up Sylvester for guide. Big had very heavy shoulder & arms about 6.2. Numerous scars all over chest & legs & arms. Covered with skin eruptions like mange. He has been bad & scratched legs off in the heat. Very knowledgeable of area. Obviously spent a lot of time boating - coming around. Spent time at Ok Tedi & Kiunga painting fuel tanks some years ago. Now about 26-27.

Left in 15' boat with 25 HP o/s. Yamaha very rough & vibrates. Cruised easily with 5. Andy Moia drove. SH & Sylvester. G/O Moia. Drove up to Monda & on to Kiwoi R. 2 km in. Black Bittern flushed from edge trees. 1st L. & flushed from edge. Gut R.

Small birds. Grassbirds? common in grass. Low song - not pit pit.

(5)

25/4/95

Teller conegress Pika Pika (Pit Pit)

Palm cockatoo Off. Black/red

Crimson Finch

Whistling Kite

Egret

0849 into lake via short channel
lake

Sea Eagle Ad + juv

Whist. Kite 3 in fringing tall trees

GtLE

Sea Eagle

Booted for 20 mins along Kuroi R. No offshore

River 2-3m higher than Dec. 94

Hamilton bee eater very common on edge of R.

Tecoma 1

Spotted wh duck 3 in lagoon next to river

Black Bittern 1 downy

Dont 2 from edge of trees

(6)

Poles Brooks

Jack Hydes Papuan Wonderland

Time Belang Waskeri

Engelhardt pointed out Nuchui ~~Is.~~ Lyer Id
+ Bau Wa La Wa Isld.

On Nuchui Lyer Isd Sea Eagle on nest
make nearby in tree.

GtLE

Brahmany Kite

Little Pied Cormorant

GtLE 4

Spotted wh duck 2

Egret 15

Dont 2

Sp wh duck 2

Black Bittern 2 heavily striped breast

Eeloor - Black long tail no Guicel.

GtLE 15 } Kolma

IntE 4 }

7

25/4/95

Whist 3 fishing
Egrets fishing in lagoon

8

\$55 + 20 10 days Telstar
59 + 2 7

1 39 + 59 \$100.00

Paris 515911
55 1000

EXCESS 200

Frequent Fly 30.00

H755234

• 7 ft each km 3436 2400

Return 4th Mel 30000
upgrade 8000

2400
- 800 T.H.
1600
- 1200
400 of 15
- 200 30
- 100 40

132260

(9)

(10)

0/3

P

Gen Eng 359109. Cairns Int Airport
called ↑ Tues 0930 & enquired
for any hand in from customs

Aerobas

C/A

Customs

Call. Yongabarra Hotel for Sat Night

R Douglas

(11)

2/5/95

Colthorpe's Pub. At the end of
the pier with views across the bay
and hills to West.

Extensive mud flat - tidal.
1000m exposed - few mangal
pneumatophores.

Little Egret - feeding

Ink Egret feeding

Great Egret - ~~feeding~~ confined

Royal Spoonbill feeding

Savannah Ibis feeding

Savannah Gull feeding

Gadwall at tide edge.

Mud covered with am. crabs. 5/100m

walked around town. bought

Shrimp & ⁴⁹trousers & ³⁹socks

Chilled 181. Esp. Mashed Dore Henderson

ne. D.F.E.T. 11.50.

After ^{hunting}
with ^{birds}
flocks

(12)

III. Osprey - dived & caught fish
Whimbrel.

Bronze-winged Kite

Gull Billed Tern.

Savannah Antelope.

Tide turned at 1700 & drove
the congregating egrets Ibis & gulls
off the point. Whimbrels passing
the jetties frequently from the south.
Feeding actively on polychaetes.
Tables along the docks filled with
tourists - Germans loud & aggressive.
Venk loud & confident. Ben quiet
& observant. Many N. of boats
come in between 4 & 5. Numerous
cats come with sailors with good
compliments of tourists lining the
docks. Several sail boats full - dived?

(13)

Single birds big & powerful
rising together

Helicopter - Jaysons doing
do mini dance tours.

Great Egret caught a *palgachadi*
at least 15cm long - 20cm
wt.?

Washed to purring - Parri - note
content on mud. Picking at
things on the surface.

Straw necked Ibis

(14)

Yungaburra Hotel
9.15. 3.15

\$45.

Booked for Friday night
Double with ensuite

(15)

Thurs.

Morning tea.

Afternoon Tea Eco Forest.

995550

(16)

Cape Trib

Eco forest

Butterfly Enc.

Kuranda

800 Rainforest Eco system Noddy

1000 To Daintree Long Xing

or to Cape Trib

lunch at Cape Trib - Ham

Bread.

Cheese

Tomato

Drinks

(17)

5/5/95

0800 Rempfort Rehabilitation - look at how
the birds are integrated.

Feeding

Temp regulation

Bird ID

Breeding

General behaviour

1000 On to Dromedary Ferry
- Moorja boardwalk
Cape Trib

lunch Bread Ham Turn Choc Drink

1445 ECO Centre. - Stonehouse
Staff
Management
Displays

(18)

5/5/95

0830 Habitat Rempfort Board
walk \$28.00

1030 To Cape Trib

Ferry 5.00

Fuel at Mossman \$15.00

Cape Trib nice elevated lookout
up the side of the hill which
runs into the sea. concrete + the
boardwalk with nice ramped on edge.

weather was dull + breezy.

water was muddy Beaches

grey not white.

WC well broken. Good parking
for 3 or 4 x 10 or 15 cars.

(19)

Travel to Bloomfield to north.

Corapark at C. Trib pretty awful.
 Pub - no shops. Fast food across
 the road.

Drive back at a leisurely pace taking
 in scenery. At ferry bananas 10¢ each.

Photos of ruins \$5.00 for ferry.
 straight off & up to Daintree, Small town, a
 few boat cruises up river for 12-15.00.

Corapark on river. On to ~~Maranda~~
 up to back to Port Douglas.

(20)

Cup Saucer vine wh yellow centre
~~gorilla cliffhanger~~
 climbing roses - security

Pale Brecks + terracotta pots.

Peter Nones for sheet

Burkes B'ford ch 9.

Citrus

Mandarin Engels
 #Wetels (Handels?)
 Seedless

(21)

2700
 578

 3278

(22)

Cash food	\$100	1600
Car	250	250
Airfare	589	
Airfare	534	
ins.	81	3180
Habitat	28	95 Hotel
Rent	30	40 Airfare
Ferry	10	60 Hotel
Eco center	12	70 Hotel
Ten silly oaks	15	42 Offr Tax
	222	<u>47</u> Offr
Phone	30	<u>3584</u>
Taxi	20	2000
Segalen	25	80 Kiosk
Fills	27	250 Post
Courier	14	850 181
Visa	553	220
	2000	3180
	<u>2200</u>	<u>2700</u>

23

1100
216

1318

527
1843

2370

850
85

5/18.425

1170

150
5

750

240

24

130.00

(25)

6-5-95-

At Port Douglas. Weather was ok but a
rainy wind at 20 knots on the reef.
Cancelled trip. On to Kuranda. & Atherton
^{Quinn} Fig tree. Did not get to
Yungaburra. Went on to Tinaroo lake
then Talga. Saw Melinda &
on to Lake Eacham & Cathedral Fig
tree. Met a white carrier but
said I was very secretive about
sharing his knowledge.

Saw a small rodent (Potoroo?)
Reddish very small not like tail.
Drove on to Gillies River - very steep
descending descent down the Gillies
range. Little Vista but it a couple of kms
superior to Jim's Lynn too hard.
Too late for Orchid farm. Drove on to
Cairns. & returned Car. ^{to} 181 Esplanade

(26)

7/5/95 Sunday

Raining & windy. Walked thru markets
on the pier. Jan bought band, saw.
Had coffee & arranged for pick up car.
Drove on to Orchid farm. 18.00 led
trip off. Farms & trees were nice however
& fern house 25' high with two
waterfalls & very nice garden with exotic
fruits & palms. ^{Many} orchids. Out of
season. Rained all day but was
warm.

Back to Hotel after the very
expensive orchid experience. Fourteen
orchids would be a necessary & successful
part of a display. Numerous supplies of
plants in Orchid farm. Found out which types
grow well in North.

(27)

Rafiki 128

128 Akereke St Freshwater 581146

Two Pub. Room left

Old Smithfield Rd 250 2nd fl

~~From~~ Morris St

50 m on left

150

Appt. Palms

Madagascar Small plant

like majestic palm 3m

Cross Tropical Museum 018174300

Golden Cone \$2.50 140 mm

specialized in Golden Cone & Kovera

Sexton 331

(28)

majestic ^{rwylene} Kovera ~~salmon~~
9c. \$90.00

gellatten

Kunk Butterfield 985872

Aroids & Palms For 16 N Esp.

140 m.m.

Momus Palmatum 941 262

to box 17

Mt Malloy 4971

Strong wind w. 20-30 SE 3m.

1.4 m inside leaf.

(29)

Kuranda Palms

after Kuranda ~~from~~ Habikab

Roystonea - Caribbean

Queen = Cocos

Golden Cone Palm

Rosebud form 930233

3/4g. boxes \$18.20

5/3580

(30)

Penanga ^{Kuhlii} ~~Kuhlii~~

Raphis sp (excelsor?)
long fronds

McArthur Pitychostemma
Macarfa Palm McArthurii

Neuclia ramsii San John

Macarthurii

Chrysostegia nenda
Tree fern & Mosses

Cycas Papuanus

Myces Blue

Leaf very Green

Orchid Wh.

Cruiser Brown

(31)

Chamodorea
 Arecia triandra

Chamodorea Grumifera
 clumping palm
 Chrysalidocarpus lutescens
 golden cane palm
 often sold as Arecia lutescens

(32)

Flight 485 11/5 1010
 222 996 459 6

To Business class + 58 724 each
 Sydney Web 680

C - AS 1205 - 1410

Golden Cane
 * Chrysalidocarpus lutescens 12/100 200
 very quick good for fertl
 Pongia kuhlii 18/100 200
 checks for growth in fertl

Traveller's Palm seeds & seedling
 Doesn't grow thru check others
 Rapisarica clauseni Royal Palm Habitat
 Rapisarica Rapisarica lutescens 15/100
 better for fertl check very quick

(33)

Rosebud Fern

93 0233

93 0333

Tree fern Fern

96 8143

Palmetto Orchids

644136

(34)

Rose Silky Oak 60' Big tree

Mc Intyre Baywood *Xanthophyllum*
octonarium

Dorlingia *dorlingiana* in tree
Proteaceae

Cornspot *trifur* *Cyathaea*
20ft. *Cooperi*

Yellow Penda ^{R.} *Histaria* *pachysperma*
60ft

16 *Selaginella* *longipinna*
dwarf fern

Grey Birch *Eupomatia*
leaving 20'

1. The
10 W
9 T
8 M
7 S
6 F
5 T
4 W

9 Days

(35)

Lipstick Palm

67 5151

8/5/95

(36)

~~Just~~ Shopping in & around Am.
Found numerous Palm & cycad nurseries
located for Jan. Aroids & Palms. Bulk
supplier of common & rare palms.

(37)

9/5/95 Tues.

Phoned Peter Sullivan at Kuranda
Harbour not home - left address at
St. for price list.

11.10 Picked up for Kuranda rail
trip by small Toyota (20 seats)

Catch. Drove up to Kuranda
& saw butterfly display

while collection of plants

& forms developed by the girl
who showed us round (Lisa?)

she had only a fair knowledge of
the names of the plants but was
helpful.

Very striking was Lycopodium
& Golden Core Palm.

Also some nice shrubs to 3m
with large ovate shiny leaves
as a filler. Canopy of tree ferns

(38)

9/5

& numerous climbing vines. Lichens &
mosses on logs in ponds. Structure
was a dome shaped house with timber
struts to about 25'

Butterflies on 'hol' part flying
continuously. Then displays very
fast & restless. The eggs being laid
on eggs.

Little deer had a feeding bin &
leaves for eggs.

Display of Billy's moth collection
was good.

Nice display of epiphytes at train stn.

Trap down was OK 1 1/2 hrs to Currie
walked back to Hotel via Currie.

Remained most of the day.

(39)

10/5/95 Wed

Rain threatened all morning. Went to
visit Leticia garden. Rived car
as also drove on to the Boulders
& Josephine. Josephine felt. Called
into nursery for hipsteck Palms
(675154 Norm) Palms all in pots
at \$1.00 each. Need to
find a supply of smaller stock.
Also looked around while telling to
take from nursery with two blue
leaves. Drove on looking at
other unusual palms & ferns
Back to Rebel. via Cross

(40)

11/5/95

Cleaned up room & pushed gear. Show bill
paid. Taxi to Airport. Called Nat
Pomeroy was Fat Groceries. Tiff on
same flight.
Taxi off 1020. Bus began descent.

(43)

17

10/5/95

(44)

0700 To Creevy Lagoon

0900 At Creevy

Sac I 17 feeding in shallow pool in Sump

YBSB 5 + 1 "

Wttn 1 "

Swan 128 in main pool feeding & loafing

Sig 1 on 50

GtE 1 feeding with Sac 1 + 1 Lite

Royal shrikebill "

GtR. 66 loafing

Shel. 4

GtE 2 on far side

welcome Swallows ca 100 feeding over water
with the warblers

Bust 4

Swan 5

Shel 6

(45)

Greeny

17
18/5/95

on return

SACI 3: feeding in Samphire

WPLAN 1 "

APR. 1.

PABO 5

(46)

Heron Pt

17
18/5/95

Sh	Time	D ₁ K	Sci
white	1341	0.1	0.9
grey		2.0	3
black	1343	1.8	0.9
grey		0.1	0.9
1405		2.5	0.9
1347		0.1	2.4
4.4		0.2	2.5
K		0.4	2.8
		0.6	"
		0.8	"
		1.0	3v
		1.2	5.4v
		1.4	12.6

(47)

		Depth	Sal
	1401	1.6	19.7
		1.8	20.2
		2.0	20.6
		2.2	20.9
		2.4	21.0
	1402	2.5	21.2
Lat	1205	0.1	2.4
4.34		0.2	3.0
		0.4	3.1
		0.6	3.3
		0.8	
		1.0	7.3 v
		1.2	10.2
		1.4	23.0
		1.6	23.9
		1.8	24.9
		2.0	25.4
		2.2	25.5

(48)

Time	Depth	Sal
	2.4	25.7
1409	2.6	26.0

Top of post to water surface
= 43.4 cm at 1412

1432	0.1	37.2
	?	?
	1.0	37.2

1438 Collected at 35.5 ad end

(49)

Bank to the River

GVL — 1000

PARD — 300

Coot — 100

LPC — 400

LBC — 200

Dander — 10

Whistly Lark — 3'

Minute Dove — 20

Della

Pelican — 24

Little Black C. — 180

~~Mud~~

~~Bank to the River~~

(50)

Chris Newell.

(51)

(52)

349 8253

018 910701

Louis

Stirling Lawin

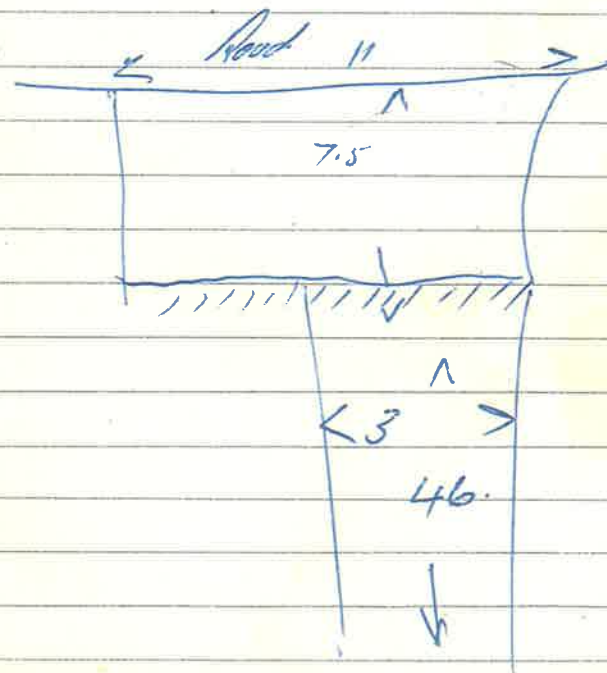
(53)

M	8.30	8.30
J	"	"
"	"	"
T	"	9.0
P	3	10
S	"	10
S	-	-

(54)

7.6 x 7.6.

11 7.5 x 11



(55)

Jaendelup

23/5/93

1640

Pabb 650

Syde 400

Bldn 20

Sewon 32

Cost 6

hpc 1

(56)

Schen/Lus
Wischpoo

Longerake

35

40

(57)

(58)

29/5/95
Vasse East

VE 150 5 95
39522

6189 Bytes 96 fells

(59)

Harry R 2/6/95

0930 $D = +0.17$

Calibrated Hemo = 35.3

At finish Calibrated at 35.5.

To work.

(60)

15/6/95

Island H

1000 ± 0.04

Hemo | 35.6 at Start
35.1 at finish

1555 ± 0.12

(61)

15/6/95

Pre calibrated one 36

Read 34.9 g

1151 Depth Port 951 mm

1415

Coat	69
Alb	200
Spout	3000
Vel	18
Libe	1
Shel	8

(62)

In Run

Spout 1500

Depth 150

Coat 30

Dist 10

Vel 30

Pump 1

Libe 5

Libe 1

Dusk Monitor 1

Why Neg DO

Turn off Auto switch off

(63)

15/6/95

Boundary Isd

on beach 30 Ad.

on approach 53 Ad.

all flew off

6 Dead Squabs

3 Dead Juv. fully feathered

35 Juv. fully fledged &
flying

1710 at vehicle

(64)

Crang

Savem	78	feeding
Wsb	11	feeding along edge
W/Swallow	Hummers	
Cggl.	11	
Shel.	4	
Adel	1	
Cggl.	1 + 1	

1720 finish
watched high. with lakes
flooded.

(65)

John Pearce. Ag. Dept.

Hydrobia ulgaris
Littorina
Dreissena cut off

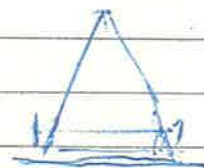
Beavers.

(66)

Lacustralia

Assignia Saffordiana

with affluents



David Castagnon

Eco scape

for hand. work
affluents

John ~~Robertson~~ ^{Robertson}
for beach regeneration
accredited spray tracing

(67)

from

180000

50000 sheep

200000

26000

10

2600

(68)

20/10/85

W.D. 79534 Pms
to City

79597 Pms

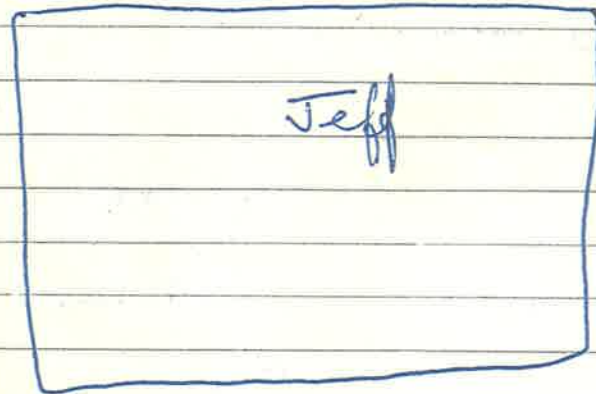
Feeding

1000

Plants

500

35
20 736 sqm



69

7.2 each

88776657

51.209m

150

7.68 cum

10.2

70

79 648

(71)

~

(72)

29/6/95

0730 To Honey A.

1015 + 0.05 at gg

1550 + 0.06 at gg

Collected pH on 6.83

Endred bag #1 for site 00

Catching site

River Mouth 1215

Adel. 23

Shel. 30

Gull. 200

Pebb 120

Shore 8

Castn 4

Sgtl. 4

L1Be 2

L1Be 1

Dart 1

(73)

29/6/65
12.20 at R. mouth

Quail

Gall. 200

PBSO 50

Shor 1

YBSB 15

habe 1

Dart 1

Coor 29

(74)

2.

Boundary Isd

1685

40 ~~Adel~~ Adel at old
rookerie

80 on shore.

No eggs or sign of
nesting

~~1730~~ ~~Adel~~ while

1730 Creamy

Adel. 1.1

Swan 84

YBSB 24

Gall 18 + 2 feeding in Sardinia

~~PBSO~~ PBSO 15

Dart 1 + 23

Shel 2

1

(75)

535 1077

535 3822

(76)

B. B. B. 535 4566

18/7/95

22612.1

1830 Hrs

Kim Faulful 018 950 906

535 1077

Estuary Rd - est. Rd

1176 rpm

Kevin Green

F. B. B. 534 3444

off townships
West of Rd

H. B. B.

lot



(97)

25/7/95

0530 to Wke.

→ on to Clifton

weather is occasional showers

Phoned Andrew Booth

& asked him to come down

Weather appeared to be worsening

As his arrival at 0900.

Took off at 0915 & headed

Nth along E. side Clifton

No drains etc.

Along west side - no drains
or channels.

Directed to Preston at about

0920. At 0933 at Nth end

Preston

Continued down west side of

holes of pond drain & back

Rug at Preston. At 5th end or

(78)

Buffer Zones

Small 50 m

Med 100-150

Lge 500-600

looked at 3 from each

local beechen where surface
flow is channelised & flowing into
lake

look at beds in rural lots

Preston

Drainage features along West side

5th End E. side

At 5th end or ~~east~~ side several drains & pools.

(79)

25/7/95

Photos of ~~several~~ several
streams + pools at Sth end station.
Access thru farms
Access blocked after flight.

Total 60 min flying
+ 20 min Jkt to Clf.
+ 30 min Clf to Jkt
1hr 50 @ 158

(80)

Need tape recorder.
Tape.
Batts.

Notebook
Pen
Pencils.

Mols
Probes
Cliff

Aerial photos both lakes (recent)

(81)

097 39 1021

Ross kit

Shell Roadhouse at Clifton
Tavern (At Arghief)

Ernie Shordlow,
Cori land Nursery

2 km NW of Tavern

097 39 1072

Elaine Tyler (locked)

Clifton Bl Roadhouse

097 39 1043

Dark

Jan Warden

(82)

Calder, 097 20 1137

Les & Helga Gardiner
at Murray - Tad

The Barton Station
on west side of Preston
Expanse of pasture along
edge of lake extending north
Chained & locked gate

Pameluf Subdivision
caretaker.

Jack Kelly 097 20 1100

Mark Kennedy lives on site

(83)

Ken Reading
097 26 13 74

Johnny Damjanovich
↑

owns 100 acres on Old
Coast Rd. Cnr Mychalup Rd.
Has cleared all trees & built
shed: Grows Vigs.

Need access along E. side
of P. Contact Reading
See aerial photos.

(84)

Peter Green
Honey.

Graham Rose
201105.

Mia
owns property next
Dargensville.

Neck is green.

Ray Weston Honey Rd
Summit is on corner

Green have a spot which
is not uniform where
back E side of Hwy
but doesn't

(85)

Versace line

David Regan

100 acres

311 566

311 241

226 km

(86)

500 220 0222

553 Hwy cwr Pier

(87)

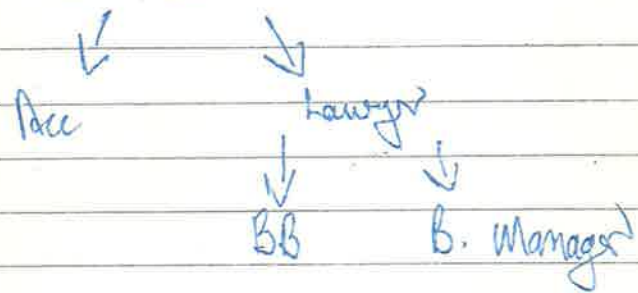
Clear
Tight
Goals
Plan
Develop Relationship
Team
Ask Questions
Character
Equipment
Add Bad
Practice
Rules
Log
Timing
Change
History
Support
Market Res
Goodwill

(88)

Small Bus. Guarantee Scheme S.II

Launched to Read Lease #300

Team.



(89)

Accounting

How much

what if you are wrong

Ask how many

get the two side together

get confidentiality

statement from lawyer

(Harry)

Calculate the risk

(90)

ROI

Addbacks clearing

Unique Selling Proposition

Goodwill

Do you get ~~new~~ new customers

intellectual property agreement
for employees

(91)

Leaves
get Soler to read

Good

|||||

Business Plan

NIES SBDC selfcare

Neil Hopley - character assets

Equipment - make sure ok
offer subject to all equip ok

(92)

look at lay - ie features
impacts

Change be prepared.

disturb

Support

Colonel Sanders Biography

BRW
Hospitality

F Myths Mike Gerber

(93)

15/8/95

0845 At lake. Preparing
 1100 to Harry R.
 Picked up bidders enroute from
 Doherty (5).

Survey of lot + River.
 1700 load + on to Pelicans at
 Doherty lot. Loaded at Mandurah
 Quay. 38 Pels with color, no eggs
 1830 load + on to Perth
 2000 At lake. load for
 Vasse. 1000.
 2100 off duty 10000.
 12 hrs 15 min

16/8/95

0630 To lake. Collected waders + on
 to Burn.

(94)

16/8/95

Busin at 0945

Vasse. VW 22995

6.81 V

1.26 m exposed Post
 Spring broken - replaced with
 new spring.

Depth Vasse floodgates = 0.39
 1140

Wormerif floodgates = 0.35
 1146 1146

(95)

39871 W022995

3787 Byles

58 fields

Set logs 15 mm

1.0 hrs

220 JD

6.92 volts

D = 1.032 exposed

(96)

Swan lake 0.74 at gg

649 Byles

9 fields

39872

6.91 volts

JE 39520

Wannup East

649 Byles

9 fields

6.91 volts

1.22 m exposed

(97)

VE 229 95
39522

649. B2b

a. Cull

b. 81V

D = 0090 m exposed pipe

Spring broken at bottom of
Sensor. Replaced with
new spring - looks too
short - get longer or
stronger springs

Wonne to work on data
on Friday PM. in lab 3.5
Jim to advise on requirements.
Wonne has letter to Mike
Wong.

(98)

1615 Ad Busin Office.
Converted data to ASCII files
& copied to disk for Wonne to
use.

Returned Jim High books to his office.
TB. 3601 after Harvey

Volgograd Lakes Com

Tue August 22

1000

Manduk City Council

Admin Centre

Manduk + Co.

Tuesday Room

30/8/95 for Harvey Est

(99)

Comm saws trail

Mike Bloome 4x4

Kimura 4x4

At Ned 4x4

Mining Co 4x4

Clear logs for Kimberly 4x4
to bring trails back

(100)

D Co

Jim South Coast

Ber to Esp.

very stn Road

CP Uct stn
+ middle

NC. Nth n

2nd Sat Sep

1st Sat Nov.

9/100

Sort gut samples &
retain each for ID

Sweeps - Sort. to family
& return.

(101)

Don't talk to AWS Long.
1815 TO Port via
Clifton Town S/S. Lohm.

At W. Lohm 2.110

(102)

Myamba Park.
Turf Farm.
Lake Clifton

Ted. Hansen
097 391106
check at 0900

Call at 0830.

Phil lives on lake
Phone No
Cockburn.
097 391240

Clinton 21/8/95

(103)

East P
0507
0437
0337
0257
0238 D
0222 D
0044 M
0025 D
5968 D
5850 D
5794 F
5764 Q

West

330587 Road blocked opening into lake
0458 Back Ramp
0358 Boat Ramp
0252 Pool
0171 Pool

Clinton 21/8/95

(104)

Clinton

49.31 Road into lake
57.2 Runoff - Drain
53.67 Run off down road Quarry S3 or S5?
2nd Plant

103

East	Preslow	West
0507	Dem	33-05 8
0437	Drain	
0337	Drain	
0257	Drain	
0238	Drain	
0222	Drain	
0044	Long Lane Quarry	
0025	Drain	
5968	Drain ✓	
5850	Drain	
5794	Form & Drain	
5764	Quarry	

West

330587	Road blocked draining into lake
0458	Boat Ramp
0358	Boat Ramp
0256	Pool
0171	Pool

104

Clifton

49-31	Road into lake
57-2	Runoff - Drain
53-67	Runoff down road Quarry 53 or 55?

3rd of 1st

(105)

21/8/95

Lake Clifton

Site 6

Opposite farm Sth of Tavern

small lagoon enclosed by

Sedge. 100 m x 30.

D = 0.1.

Toit not utilised

Little sample.

Placed in esky - need ice

Site 5 Sth end of loc 4630

Drive down fence + to end of
trail walk to Nth about
40 m. Sample from seeps
at water edge.

(106)

Site 3 2.5 kms Sth of 5.
loc 4910

Site 3 & 4 together opposite
L66 the Nth Newham Rd.
3 to Sth along firebreak Nth
side of house

Site 4 to Nth of track
No run off

Sampled small seep in sedge
behind pool. Rao pos present
in adjoining ponds & nearby.

Site 3 to Sth of track
As for 4

Need to check flow rates
for conductivity

(107)

21/8/95

Site 2 50 m ntl of fence
Roo 100 feet No flow

Site 1 20-80 m sth of fence

Site lot 52 left of Directly
in front of house

Site A 100-150 sth on fence.
2nd fence from A 52.

" M Soak in drainage channel.
1 sample

" S- Soak in Mounsey's
near house road

(108)

Mounsey 708
tract 1/2

S =

Presha

P1 Seepage into typha
Bayard fence.
Johnny's place ca 300 m
Ntl of road.

P2 50 m ntl at entrance of
inlet small rivulet
100 m S sth to fence

P3 300 m ntl of Rose's fence
Ca 1 l/sec PD

(109)

21/8/95

P4 offsite gate + track
about 500m Nth of P2
+ 800m Sth of fence to
Rose

for P2 only

~~Went to P2 only~~

P5 - 100m Sth of
Rose fence. Seepage
along clearly defined channel.

(110)

21/8/95

1100

Wolymaf

4.8 km from SD house

New Site 11

No surface seepage

Needs to be very rare to

produce surface flow.

Check again with very heavy
rain

Pink hole at end of
track

1210

out. of site

1215

Road.

S 11111 8
(111) D 11111 \$ 6

P0 - Seepage from septic
out of Preston - Houses upgradient
Check Mydeup for alternative

P1 Seepage - Bag on fence
Remove sparse trees Mkt garden to east.

P2 Delete. Vivulet

P3 Greens drain North of
Roses fenced boundary
Land use. become a market garden into pasture sparse veg

P4 Delete.

P5 100 m South of Rose
boundary fence on track

Land use Grazing sparse trees (pasture)

P6 Drain on promontory
Land use Market Gardens / become

P7 Drain
Land use Pasture cleared

(112)

→ P3 L. lower stream

P3 U. upstream check origin

(113)

Drains

so as drain

P8

~~Check of blocked & running~~
~~or seeping thru buffer edge~~
~~check between P1 & P8.~~

Both have same land use.

Land use - Pasture cleared

P9

Definite drain from Market garden
& draining thru heath

land use Market garden

P10

Drain

land use Pasture cleared & Mkt Gdn

S. e. Pages

(114)

P11

Control - Seeps along water edge
away from road

L11

- natural vegetation

P10

Seeps at water edge at Preston
town

Land use

Urban

Buffer?

Small.

Buffer type

Edge.

P12

A seep between P3 & P7

identify buffer & buffer width

Check buffers north of P8

P13

Seep in first 250 m Nth of trees
boundary fence with Green

P14

Seep in break of vegetation Nth of
Preston Lodge - Access between Begonia
Rd & Runcorn

(115)

6 Drains Nutrient Analysis
8 Seeps. Total P+N

1-6
52
m
8 Sites

Total P+N
conductivity

Proton draws look at filtered & unfiltered
conductivity

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6 Drains Nutrient Analysis
8 Sifts. Total P+N

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52
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8 Sifts

Tot P+N
conductivity

Preston drains look to be filled & unfilled
conductivity

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(117)

P10

30 cm in 3 sec
10 cm/sec

24/8 $\times 60$ m/sec

Drove back to quarry
& down road. Right
to track & follow line
fence to drain.
Sampled at P10 Bridge

P10 collected

Tet P & N

Submit field

Cond 3.2 ms

1.7 g

Flow 10 m per minute

~~P10~~ at ~~mouth~~ 3.5 m w.

0.8 m deep

= 238 l/sec

P10 u/s

upstream from P10 on
NH side feedlot

B763220

(118)

Green May

There is a strong seepage
into drain from pasture
flow ~~beginning~~
at 10 cm/sec

100 cm wide $\times$ 2.5 cm deep = 25 l/sec

P10 u at Bridge

= 0.8 m/min

5 m $\times$ 50 cm deep

No conductivity

P0 Preston Lowgate

no seep. flow to sampler
in a heavy rain event
there will be

(119)

24/8/95

P9. at end of Harris
Road -

3.5 m wide

0.25 Deep

20 m/mm

Skel. Pair + 1 juv.

Cond. 8.67 m/s

(120)

P8 11640

Nov 22 + 23

Dry

Large sedge + mel.

thicket at lake edge

Drain stops at thicket

Gate into lake none

4

P.7 Not flowing 11650

Photos 24 25 26 27

Cond 4.2 m/s

9380 2275

Arnall

Horsley

(121)

Harvey River Est

30/8/95

Depth at 1030 = -0.08

Col 35.0

Sampled from 0-6.

Weather fine still some cloud.

Shel 7

Sugar 2

~~Shel~~

Gyph 4

Lipe 4

Lipe 1

Pa. 2

Dart 1

(122)

Harvey R.

2 Lipe 1 + 10

Lipe 15

Pa. 4.6

Shel 1

Gyph. 1 00 .2 .2

YASD 1

SAC 1

Depth Post 752 mm

1315

Harvey Delta

Shel.

17

Roosting

Sigh.

60

at water edge
Puddling1330 D = -65 mm
TDS = 36.0

(123)

20/8

11 h/e well 2 gte
at Island Pt.

(124)

Creery 20/8/95

1140

Gank 1 on edge of marsh

h/e 1 " feeding

Ad 2

Shel 2

Wet. Swallow perches

hanging over water

Wf 1.

(125)

(126)

WAWA leaflets - new leaves
low water demand -
High drought resistance

- Couch is best
Wombourne
Samba anna
Greenlee Park

Quassia Chips
boil up & spray

Wormwood Plant. - Abgentle
chop boil 10 min. strain

Check permaculture groups for
ideas

127

Flower Gardens -

Wedding bush flower spring - here after flower

128

(129)

Clifton Sites

Site 6 off town 1620 2

Site 5 loc 4630

3 4910

4 "

2 4631 NH

1 4631 SK

52 left road

A

M

Preslow

P1 Seef

~~P2 Drain/Seef~~

P3 Drain

P9

P10

P10 ups

P10 u

18. bottles

6.12

30. bottles

Site 6

6/9/95

Site 6

Tamorn Site

Not flowing

No drains or

surface flow

sampled from pool as

before.

(Depth 20 cm)

Site 5 3.0 km SW of town to town

off on SW side of road

4630

Not flowing - Sampled from

pool behind sedge bank

Depth about 15 cm

4 17th of June in ca 25cm

behind pool no flow

3 SW of June in ca 15 cm

no flow

(130)

(121)

6/9/95

Silo 2 Nth of fence in
~~melaleuca stand in town~~
~~water no flow~~
 at point of mel stand
 on track flowing Nth
 from mels.

Rate 1 m in 30 secs

• 5 m wide

• 1 m deep.

Silo 1 Sth of fence 130 m
 behind melaleuca in clearing
 new fallen tree parts
 Nth well rock exposed
 no run off

$D = 0.15$

(132)

6/9/95 Conductivity

1	Silo 1	1	0.167×10^4
2		2	0.208×10^4
3		3	316×10^4 0.167×10^4
4		4	0.261×10^4
5		5	0.388×10^4
6		6	0.230×10^4
7		52	0.154×10^4
8		A	0.107×10^4
9	clifton		0.167×10^5
10	M		0.610×10^3

7/9/95

11	P10	0.233×10^4
12	P9	0.483×10^4
13	P53	0.201×10^4

P10 u. Tok Pen only

P10 u.s. "

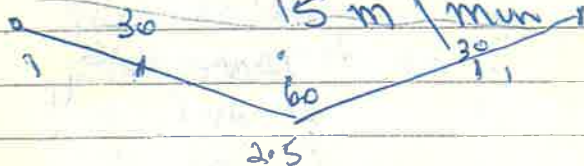
(133)

7/9

P10 20 Secs 5 m.

4 Secs / m

15 m / min



P10 0730 at Bridge

 $= 1.5 \text{ rpm. } \text{excl.}$ $\times 2.5 \text{ m/sec}$ $= 375 \text{ l/sec}$

7/9

(134)

P9 0800 - 0845

14 Secs 5m 2.8

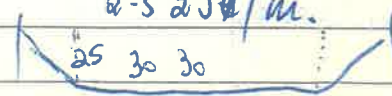
12 Secs 5m 2.4

12 Secs 5m 2.4

B. 58

 $M = 2.53$

12.6. / 5m.

 2.525 l/m. $= 23 \text{ m/min}$ 

50

1.75

Rectional only

 $= 1.025$

rpm



3.5

 $= 0.0625 \text{ rpm}$ $\times 2$ $= 0.125 \text{ rpm}$ $+ 0.9 = 1.025 \times 0.397 \times 1000$ $= 406$ Drove thru gate in Horrie rd. $\frac{406}{40}$

with 4.5 strands holding it

along fence & over bridge &

followed trees - quite firm.

Drove slowly through

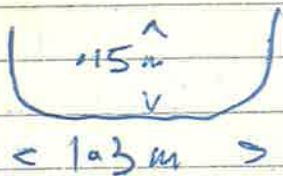
shed 2 & 3 c1 young in

drown

(135)

8 ~~13~~ 3.

00.



10 cm in Li see

2.5 cm / sec

$$0.195 \times 0.025 \times 1000 = 4.9 \text{ l/sec}$$

(136)

7/9/95

Redid Clifton #3
due to loss of Nutrient
Sample.

Sampled in pool 80 m
Sth of fence.

279 57 22 Sand still

Temp

20°C / m.

Sept

above Dam 0.1 m

(137)

f

4428

4080

348

6.7 $\frac{R}{u}$

18.7 m/c

435 hms

4619

27.91

428

19 $\frac{p}{\dagger}$

681 $\frac{K}{R}$

19. m/c

68

6.8

544

408

46204 hms

(138)

11/9/95

0730 At w/c spoke w/mc

at length re dubis etc

Resolved amicably. Gled to

look at times & program

0845 head up

1000 shopping

1200 to Corrigan via Waverly

1630 Corrigan

1800 Yealby

1930 Dinner Wickham

2115 to Nelson Park

2230 

(139)

12/9

0645 Patch

0700 To Wagin Refuel

0730 To Toolbin

0815 Dabbunng

Dry at gg.

200 0.335

0840 Toolbin

Dry at gg.

Pool 400 m into lake.

0 = 0.12

Walking

0.20

gyl. 60 + 30 + 20
shel 4

Breed shel 6

(140)

12/9/95

0940

Toolbin 0.08

Shel 3

1040

Dumblyng 0.95

015 gg. Just visible

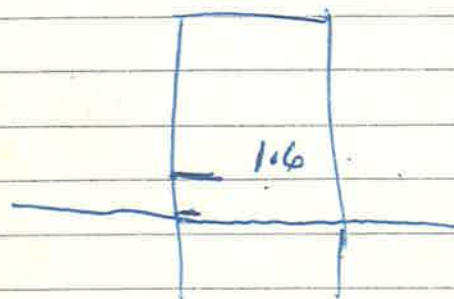
1620 Lake Bridge Dry at gg.

just a drum with wake. A smud
at Nth end.

all ganges U/S

(141)

12/9
Dum. RU
1049 m.



Mark Clues-

2000 Ravensthorpe
O/N Motel-

(142)

13/9-

Jeff Hayler
Craig McKean

0700 to Culham Inlet

Culham Inlet

0805-

Sgt. 6

CAST 2

Adel 4

Shel 33

Photos of ridge line
old lues about 15m
dead from flooding in 92
Vegetation around base is
Solanum + succulents
Some Mel. cuticularis
at edge of ridge.

(143)

13/9

behind ridge is eastern side
incl. salt pan. which
would take 100 m flooding

#18 ridge is ¹⁵~~20~~ m wide at
this point. Road to take
100 m width & perpendicular
in it.

MC 1000⁺ ducks
Gull Pond Chest (50+)
Sills Area. Heron
Common Swans Pals.
at entrance of channel.
Box No 5.

(144)

Shel. 2 + 12.4 m cl. 1
wally from lake side to
ocean

O-1/K fudig

Fresh^{er} water seeps
measured at 31-69. Make
to send data of w/bands in pool
over

Must be attracted by seep. Inlet
probably > 60%₁₀₀

(145)

Jerd. 1040

0-82

Cullman 32.69
5.85 ¹⁰ ₁₀

2TKms to Springdale
Ed via Mason bag
from Jerd St.
Shed 3 Suen
1 WSK
No BAST

Lake Goer lots of P. Antennia
collected some including a pink one
Ward 100 Shd but no BAST

(146)

26410	1200	0.06
Wht 1	Syrt 11	Past 5
Gone	1305	1.21
Mullet	1430	0.72
Ward	1515	0.90
Shark	1530	

090 931 2.26

090 2141 62 Golden Vill

Coolidge 090 266080

Menzies 090 242043

313 019

onto Menzies
2300 off duty

(147)

14/9/95

X over

Cont'd

expt 2 + Blood of B d 2

0730 Paul + Paul

0820 spoke to Kell Imlyson
at Health Centre

On to Ballard. Collect
records

(148)

14/9/95

X over

hake

0930

818 mm exposed

pH 7.10

250 ppm 455 us

Gyfl

6.2 + 13.16

muss

1 Head + 5

Coat

2 + 1 + 12 + 2 + 4

Pacific

Head 2 + 2

BOP

1.00 + 1.1

Ballard

Depth

1175 exposed on

logger

Post (star picket)

= 315 mm deep

RNAV

5

101 ms

7.05 pH

67.8

9

100

(149)

11/9/95

Spoke to Nick at Jedanya @
+ advised OK. AT

1235 to Meningie WA

1430 At Kel, Refuel
Trailer + gear, head part.

1730. On Kelly.

1800 Dinner - 20'

(150)

Tungurah West of Mackay

Kakadu

Kargini NP

(151)

22/9/95

0730 mile 1 on to Nany Est

1015 Depth = -0.01 m-lcm

At Delta

Shd 12.06

Rel 23

Dat 5

Lisc 3.1

L.R. 2

Syl 6

Depth Post 841 mm

1330 At Mouth

1415 - 0.4

ATCV 0 4743445

Rm

(152)

6 Paired Dredging cl 2.5

Gyld 8

SAC 1

L.R. 1

WOOD 2 + 5 cl 1

5 cl 2

Shd 2 + 15 cl 4

Y.B.B 1 off

Gyld 6 class 1.

Shd at 1.5 2 + 6 cl 4

Sets 2-3 in 20m upstream
of major inflow $\%_{\text{loss}} = 261$

(153)

22/9/95

Banding Isd.

32 Ad. on edge

No breeding

Greens

Swan 10

Coot 1

Slk 20.12.5

PdD 6.15

Coot 1

Coot 1

Gank 3.1

(154)

James

ATCV 4748445

Sunday 1st Oct

K Crest

09 402 16 78

(155)

6/10/95

Boundary ISI

18 Pds on water edge

150V being fed

2-3000 RNS in grass
at edge in 2cm water

87 Gray Flies

(156)

6/10/95

1030

Green

Ca

NAS

Shel. 30 • 46 • 23

RNS 4

Grass 5

Seaw 2

LTC 1

1105

to lake

(157)

2/11/95

Creech

Shel 321 ~~322~~

Swan 14

Say 9

W/W 1 + 11 feeding on food

Padd 2 + 50

Say 32

Eastern Cuckoo 1

Whimbrel 2

(158)

5/11/95

Garden Lake

Shel 2

Herschell

Rust 1.2.1.3.10

Curs 2

Turnstone 1.1

Sig 2.4 Common

Shel 2.2

Pearce Lake

Dart 160 + 190 + 20

20. will dull plumage + grey legs

209 will chest band will double

Rust 42

Birds mostly + feeding occasionally

Waded to within 10 m.

(139)

BP 15 RY x F

SB 45 RY 5.00

48 RY 2.50

17 by R. 2.00

(160)

completed interest
interest rates
economic decline

~~3200~~ 3200
6900
10600
19500
19500
22700
5000
10000
6000
17400

(161)

~~450000~~
~~50000~~
400000

300000

28000

110000
25000
85000

(162)

Big 40 8.00
lunch 46.20 Coke 1.50 OT 1.80 Phone 5.00 65.00

65.00

95.00

65.00

200 100

300

50

50

705
222

850

1857

542

588

534

3522

25 Bike

300 Cook

3847

2700

1147

163

Do it for money?

Franchising

Need lots of time
makes money out of sale of
property.

Home Servicing

clean carpets etc.

164

65

Wed 3 5th Coach to PD.

Thurs 4 Free.

Fri 5 Dairies \$20 Dairies \$210

Sat 6 Dairies ~~1000~~ Avis Car to Cross \$80
355

1

62.5

(165)

\$ 105 am

PD				
45	3	Wed	Suzuki	65 to Veng
45	4	Thurs		65 to Douglas
810 120	5	Fri		89 to Daintree & TPC
45	6	Sat		<u>265</u> to Crms.
		Mon		<u>284</u>
	7	Sun		30
	8	Mon		30
	9	Tues		30
	10	Wed		<u>30</u>
	11	Thurs		<u>404</u>

(166)

Wed 3 shirt change MIAZDA

Food.

~~Thurs~~ 1400 Room to 187. breakfast

1600 Airport

1730 Port Douglas.

Thurs

1000 Daintree for lunch

Back for Dinner

Fri 1000 Breakfast

~~Longest time 9/61.~~

P

(167)

Sbmt 1665 0

Cork 200

1885

43 Perfum

95 watch

2890

2023

- 480 T/A OF

- 400 AP 200

200 Mar 200

80 Feb 60

200

130

138 1/2

1332

200 H

100 Kina

138 in

100 clack

1870

850 181

222 1/2

250 Break

100 Car

100 Kuiranda

330 Car

100 Fuel

3822

1122

(168)

Can / Den

Day 1 Tues 2/5 Seeds 25

Arms chooch 39 45

Wed 3/5 " " 39 45

Thu 4/5 " " 55 45

Fri 5/5 Singular At Day → Col

Trib 90 45

Sat 6/5 Arms chooch 39 45

Sun 7/ " 55 45

Mon 8 " 55 45

Tues 9

Wed 10 Break

Thurs

388 315

(169)

9 Days

Car Hire 49 3

Wed night to Sat Am Pt Douglas

Sat night to Thors Am 181

Pt Douglas Daintree Day Trip
P

Day 1. W Arrive Cms 5pm Davis

Day 2 Th Rest for D Davis

3 Fri Drive to Daintree & Cape Trib 105

4 Sat Drive to Yungaberrra & Mulka Mulka

5 Flight Yungaberrra

5 Sun Drive back to Cms

6 Mon At Cms

7 T At Cms

8 Wed At Cms

9 Th Leave

Clothes 20

Insurance \$81.00

Visa Book 130.00

Carrier 14.00

Photos 8.00

Visa Cost 50

Fills 2.7

Cost K. 100

Car L 200

Taxi 9.00

Car L 20.00

542.00

Air fare 589

534

1665 + Car 2 Days 2831

Pt Douglas 222

181 850

Car (14 Apr) 88 + 15

Car (20 May) 100

Car Boat 250

Benfort

Police (170)

~~Map~~

Jeans

Soap Holder

~~Films Post~~

~~Post 181 Store~~

~~Avis~~

Delegint

Shoe

~~Sneakers~~

Food,

Coffee

Sugar

Salt

Wine

Bread

Cold meat

Beefsteak

Salad

(171)

Mulla Mulla.
Youngge burra
Foster worst Wining

Gas.

Greenwood

Bec' Job 9 hrs 1st day

Ems Cold

Bec Drinking loss

1/5/95 Phone #12-40

(172)

4.00

- 50

350

- 50

300

- 40

260

260

60

320

Beans

150

30

20

200

- 150

450

+ 50