

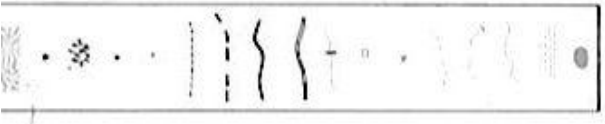
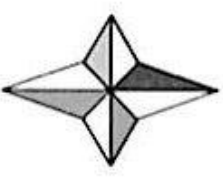
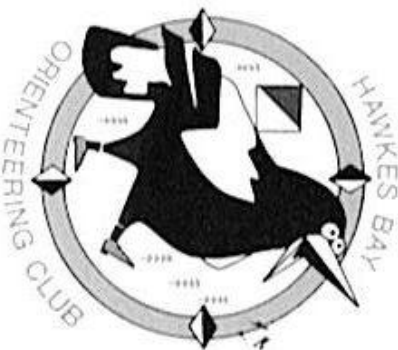


'GRANULES'

MARAETOTARA

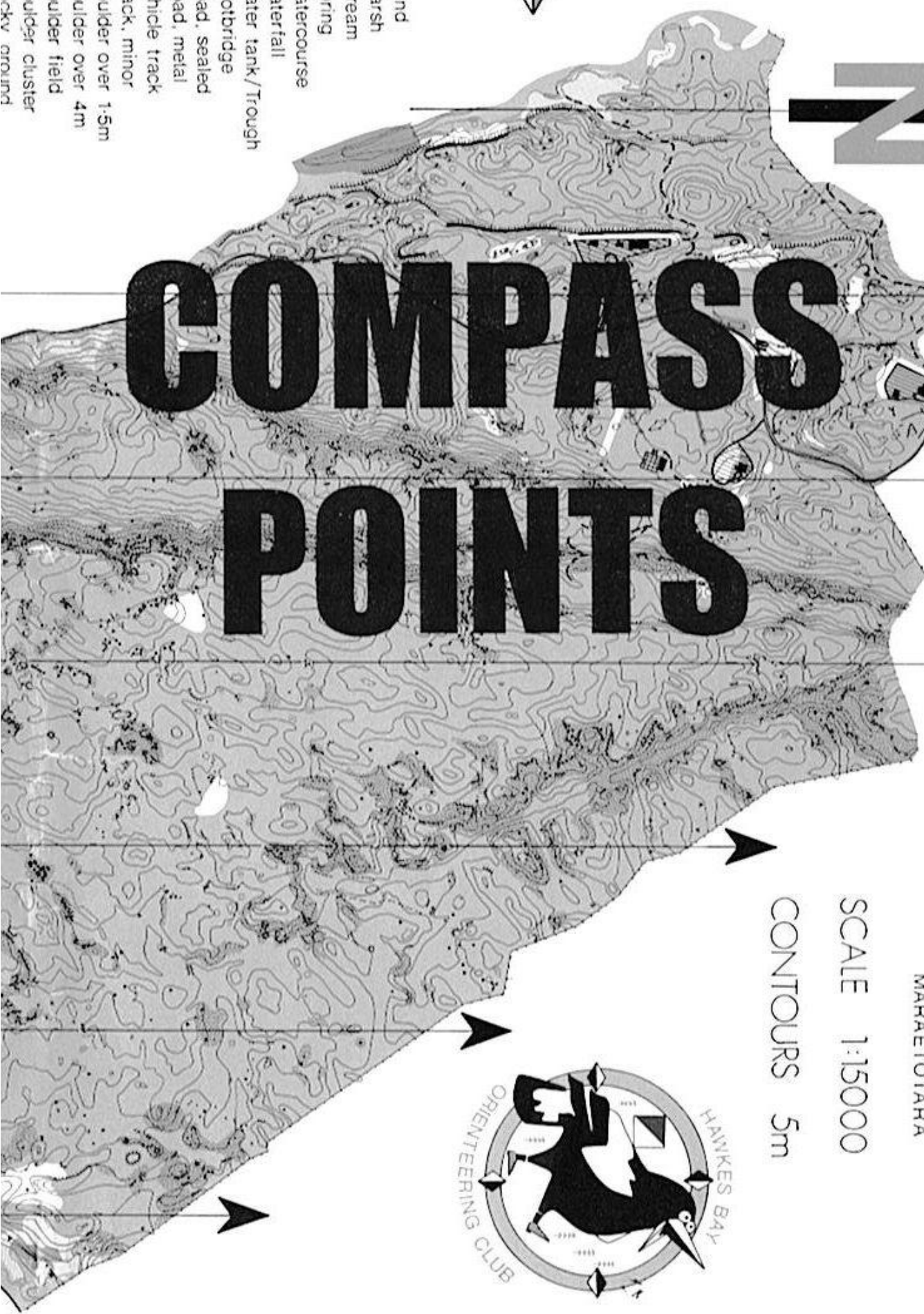
SCALE 1:15000

CONTOURS 5m



- Pond
- Marsh
- Stream
- Spring
- Watercourse
- Waterfall
- Water tank/Trough
- Footbridge
- Road, sealed
- Road, metal
- Vehicle track
- Track, minor
- Boulder over 1.5m
- Boulder over 4m
- Boulder field
- Boulder cluster
- Rocky ground

COMPASS POINTS



OCTOBER 1997

<i>President</i>	Geoff Morrison
<i>Secretary/Publicity</i>	Pamela Morrison
<i>Treasurer</i>	Alan Berry
<i>Fixtures</i>	Derek Morrison
<i>Mapping</i>	Ken Holst
<i>Equipment</i>	Richard Lynn
<i>Social</i>	Brian Wardle

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11	WOA Relays
12 - 13	Te Mata Park Results
14	HBOC Championships
15	Pukeora Hill Sprint-O Results
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18 - 19	1997 OY Series
20	Putting it All Together
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Please send all correspondence and club newsletters to:
The Secretary, HBOC, 27 Margaret Ave, Havelock North Ph (06) 8774870

Deadline for next magazine: 30 November, 1997

PRESIDENT'S WAFFLE

Greetings all. Get those cobwebs off that compass, and dust off those shoes, because now the season gets down to the nitty-gritty. There is a huge range of events available between now and Christmas to keep all but a glutton satisfied.

Most important for the club is the Frank Smith Trophy on October 12th. This is where we take on the might of the other clubs in the Wellington region. There will be a bus going, so we would really like to fill it. Anyone who went last year will remember how we just failed to win by a mere 2 points. Everyone is eligible for this competition, with the only requirement being that you finish your course! All points count.

As well, we have the last OY at The Slump, and the Club Champs in both Short and Classic to be decided. Hopefully we can get good turnouts at these events, as they are open to ALL clubmembers.

The NI Junior Camp is being held north of Auckland at Muriwai, and the club has invited 3 juniors to attend. These camps are for 13-16yo, and the club invites those who regularly attend events, and who show a keen desire to improve. Anthony Lloyd, Jenny Russell, and Jessica Fargher are the 3 chosen.

Derek Morrison and Peter Watson are currently taking part in the Veteran World Cup in Minnesota, we hope to see some good results there. The competition will certainly be hot, probably with some former World Champions taking part.

Richard Lynn is updating the Te Mata Park map and I've started on a new map in the Havelock hills. We hope to slowly get all of our maps on OCAD one day. The new version of Seafield Road was great, thanks to the good work of Brian Crawford, Alan Berry and Dave Fisher.

Speaking of good work, Richard's new signs are supposed to be very smart. They are warning signs indicating an impending O-turnoff. Now we have them, lets remember to use them.

Remember to supply your own water at events, especially the summer ones coming up. It is a precautionary measure we have taken, to avoid the chance of anyone contracting Meningitis whilst Orienteering. Sure, it sounds a bit paranoid, but we could all fall into the "never happen to me syndrome", and although it probably won't, there is a genuine risk. If you have any ideas on how we can counter this problem, other than a control in the Sportsmans Bar at the local Pub, let us know.

With Badge events, etc, coming up, we will possibly have some Juniors looking for a lift to these venues, so if you have space in a car, let me know, it will be appreciated.

Good luck to all for the upcoming months, and may the next control be yours.

GM

EYE IN THE SKY

BY THE MAGPIE

- Spare a thought for one of our flying blonde W12's, who innocently was going about her business in the "little room" at the WOA OY, run by the Red Kiwis at Forest Hill. Along came The Big Bad Wolf, who shall remain nameless, though holds a prominent position in that club, {Mr. P... oops}, and decides to dismantle this constuction, whilst this poor W12 is still sitting there!! It is unclear who got the bigger fright, the poor lass being smothered by the wet walls closing in or that mean ol' wolf.
- Poor Eric found out at Pukeora Hill that speaking English is not enough when working in the caravan at HBOC events these days. His mouth flew open when he was asked for a "boussole", but showed class in his reply, the good old Kiwi, 'whaat?'
- Good keen members had rolled up the string course after the event had finished at Seafield Road, and on the way had collected the 3rd last control on the Red Long course. This happened to have a spectator element to it, and so it was with great horror that they found, when arriving back, there were still 2 to complete this course. It was even greater horror when one, then a minute later, the other came into view!! As one of the collectors was a well-known M16, who runs like the wind, it was felt he, in baseball terms be, 'the designated runner'. By this stage, the first runner was entering the circle, so unbeknown to him, he actually now had become the hunted, and not the hunter. So, we can now say, that at our events, we have spectator controls which now go finding the orienteer, as opposed to the other way around.
- 40 Japanese students took part in a special O-event held at Te Mata Park in August set by Tim and Ross. It was a bit of a worry when they rolled up in blazers, ties and dress shoes. Nevertheless, after instruction, they were off. Now this is a public park, and during the week a lot of older retired people like to go for walks up there. So it must've been quite disturbing to them to see Japanese, crashing through the undergrowth, map in hand, hooting and yelling, wearing smart dress.
- The Te Mata Park red course had the 'mother of all legs' in it. 415 metres in distance, and 180 metres in climb! Not surprisingly, the downhill finish started 3 controls out.
- If you're flying in the skies over the Bay, keep a wary eye out, for rumour has it that Biggles and The Red Baron are on the loose. The pair, alias Mad Max McEwan, that ageless M75, and Demented Dave Smith, terrorised poor Stu Hyslop recently, by practising mock attacks on his house. Beware, you could be next.
- Plenty of cross-country events going on in the Schools recently. In the Intermediate inter-school at Park Island, Ross Morrison won the Form 2 , and David Costigan was 3rd in the Form 1.



NEW MEMBERS

We welcome the following new members to the club. We look forward to seeing you at future events.

- **Max Depinoy**
- **Doug, Debbie and Tanya Dillon**
- **Paul Emmerson**
- **Tim Hay**
- **Terry, Samantha, Jenny, and Jason Russell**
- **Sandra Shand (Waipukurau Girl Guides).**
- **Graham, Esther, Clinton, Bronwyn, and Ashley Smith**
- **Scotty and Beryl Smith**
- **Åsa Johansson**

Dear Newsletter Editor,

Re: Accommodation for Labour Weekend event.

As some of you know, we do not have the Maketu Marae. However we do have the Okapu Marae which is on the Aotearoa Harbour side and about 10 mins from Kawhia. As you are coming towards Kawhia you travel along the harbour edge and then you go up a hill before you descend back down into Kawhia. At the top of the hill on the right is the road to Raglan. The next road on the right leads to Aotearoa harbour and the Okapu marae. They have similar sleeping, eating and cooking facilities but only 4 toilets and 2 showers. We will still have a hangi meal.

If you have already booked the Maketu Marae on your entry-form, and you **don't** want to stay at Okapu, please notify the Hamilton Club and we will organise a refund.

Mike Baldwin
Hamilton Orienteering Club

Entries are being processed by Fiona Humphrey, 9 Pryce Place, Hamilton;
(phone 07 856 1199)

Subject: Labour weekend

Date: Tue, 23 Sep 1997 13:28:58 GMT

From: "Bruce Collins" <bruce.collins@clear.net.nz>

Newsgroups: rec.sport.orienteeing

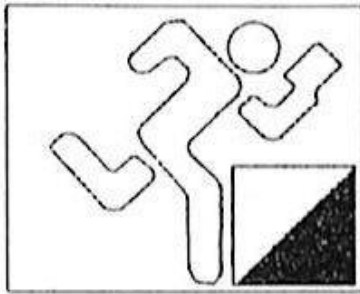
Good news is that the Okapu Marae has 4 showers not the two originally thought!! Its not as flash as the Maketu Marae but it is also down by the water on the Aotearoa harbour.

Hangi is going to cost \$10 per person, half for 10 years and under. As the price was not in the entry form and they have to buy food before the weekend we must have confirmed orders in by the 10th October to Fiona Humphrey, 9 Pryce Pl, Hamilton. Confirmed means WITH the money! This is not like entries where the date given is the first closing date. This will definitely be the last closing date and any moneys received after this date will be refunded.

For non Kiwis reading this a hangi is a heap of food buried in the ground with hot stones until its cooked. Sounds gross but tastes yummy!

Other news is that we will have an official welcome onto the marae. More details in the programme.





NZOF JUNIOR TRAINING CAMP

Houghtons Bush, Muriwai, Auckland
15th-20th December 97

Are you 13-16 years

Orienteer at yellow level and above.

Affiliated to NZOF.

Then this
camp is for
YOU



Why Camps are great fun, you make lots of new friends, and you become a better orienteer. Result - you can't wait to get to the next event.

When Monday 15th December 5pm to Saturday 20th Dec (finish about 2pm)

Where Houghtons Bush Camp situated near Muriwai Beach, in a bush setting on the Muriwai Map. Confidence course, playing fields, surf beach

What Training exercises in the morning; fun activities in the afternoons; an hour or so of follow-up O activities in the evenings.

Cost \$130 covering accommodation, food, orienteering expenses and entertainment. Travel assistance is available through the coaching director for those coming from outside the Auckland area.

Other details Applications close 21st November 1997 and confirmation/final information will be sent to you by early December. For further information contact Joanna Stewart, 38a Glendowie Rd, Glendowie, Auckland 5. - Ph. (09) 5755695 (home) (09) 3737599 x 6360 (work) Fax: (09) 3737503 Email j.stewart@auckland.ac.nz

How to apply Application forms from your Club secretary or from Joanna Stewart.

Whirinaki Score Event

Sunday, 10 August, 1997

I introduced a bonus system to this event to tempt people to finish early, with a minimum requirement of controls and the chance to pick up bonus points as well.

It would appear that I underestimated the speed of our top orienteers, as I didn't think anyone would clip all 27 controls in the allocated time (70 minutes). Ross managed the task with only 1 minute penalty, Geoff with no time penalty (70.09), and then Derek streaked home with not only the maximum points, he also picked up 18 bonus points (3 points per minute under time).

Down side of the day must have been the clouds of pollen blowing through the pine trees - no good for the asthmatics, hay fever sufferers and contact lens wearers among us.

Thanks to Norris, Brian C, Dave, Doug and Eric for pulling controls and Huey for a fine day.

BP

70 Minute Score Event

	Points
Derek Morrison	263
Geoff Morrison	245
Ross Morrison	244
Norris Cox	226
Alan Berry	222
Eric Dunbar	213
Tom Fargher	205
Dave Fisher	203
Ken Holst	179
Peter Watson	178
Richard Lynn	140
Doug Matheson	103
Scotty & Beryl Smith	82
Rob Poulgrain	55
Charles Martin	51
Mac & Ngaire Fisher	23

50 Minute Score Event

	Points
Brian Crawford	133
Caroline Watson	105
Pamela Morrison	104
Sharon Mardon	97
Kath Berry	58
Craig Tuohy	49
Andrew Marshall	44
Brian Wardle	45
Janet Turvey	40
Amber Morrison	40
Anne Sapsford	40
Dave Smith	40
Emma Watson	32

White Course

	Time
James Watson	22.18
Turvey Group	28.14
Greg Tuohy	30.48
Russell Taylor	30.48
Nicholas & Rachael	30.48
Anneka Perry	39.10
Kate Morrison	43.28

String Course

	Time
Helen Watson	7.48
Duncan Morrison	8.30
Anneka Perry	9.25
Kate Morrison	9.25
Oliver Watson	10.44

PUKEORA CLUB EVENT

24.08.97

SETTER: E W DUNBAR

"Set Pukeora please Eric"?

"No thanks Derek, going to Australia". Real good excuse I thought.

"When are you going?"

"30th".

"Thats a whole week AFTER you could do it"

Aw, Jeez! here we go again, no sleep, worry!, worry!, worry!

Sure enough, set all the courses, weather looks good for the weekend.

Sat dawned beautiful & fine? NOT!! pouring with rain, cold, miserable southerly blowing. I put out all the controls in heavy rain in gumboots with no tread left on the sole! You think climbing the hills is hard work with shorts & running shoes, try it with gumboots, PVC leggings and coat. Jeez hard work alright! I was pretty stuffed by the time the last control was out. I got home and had to redraw the white course, the water was calf deep where I was going to take the little darlings!?!

Sunday morning! more great weather from the South, Jeez I sure can pick them! Back out to Pukeora with the orange & white dray behind the old Toyota, I'm glad it's close to home. Out at the start site I realise that it's not such a good place, too late! I have to make the best of a bad situation, so get on with it.

It looks like it might rain, so go change the controls and set up the tables. Caroline turns up early to help set up, she's going to man (or woman) the caravan. I hate that job, I get everything mixed up so I'm glad she's here to handle it. It starts to rain so we have to cover the maps & starting sheets. We put the awning up and cover the map tables. People start arriving, a whole group from CHB Guides, so Caroline looks after them while I make a mess of the rest of the starters.

At last orienteering has started on Pukeora, people going in all directions, not many going to the starting triangle though! Now all I can think of is, I hope they can find those controls I put out.

The Guides start finishing so Caroline takes over from my mess at the caravan, Jeez I'm glad to get out of there.

People are going & coming back, some smiling, some not so smiley. Alan Berry arrives back and says that Red course was only about 4km not 7km, Oh NO! I've forgotten to tell the Red course about the second map after control No.9, Alan goes back to the shed to restart for the second half!! Sorry Alan! Sorry Red Course!! Only one pen at the map redraw. They tell me there was a queue to use the only pen. Some waiting for five minutes.

The Orange course proved to be very popular at the start, some comments from the finishers ranged from "great" to "who set that?" "where is he?" and some people just gave me a look that would have beaten the Southerly for ICE! what a chill!!

Some were saying that the orange course was more of a Red Short or Medium course, so all that finished it can pat themselves on the back, and those who didn't finish now know why! Sorry, but God loves a trier.

Yellow course had only a couple of entries so that speaks for itself.

White course surprises me. I watched the kids tackle this course, they love it, keen as mustard, some of these kids are hardly the height of the control that they are looking for, good on you & keep it up.

Finally thanks to all who picked up the controls, it sure is a big help at the end of the day. Thanks to Caroline for womaning the caravan, you did a great job, much better than I could have done. Thanks also to Dave Fisher for towing the dray back to Hastings.

PS: Spare a thought for those who actually lose blood to get these pesky controls. When Ted Sapsford came in, he looked as if he had been in a dogfight, he was scratched, torn & bleeding all over. He sure loves orienteering. Life's great, aye Ted!!

Thanks to all who participated, you were the winners on the day!

Cheers Eric

HB Orienteering Club
Results Pukeora Hill- Sunday, 24 August, 1997

Setter: Eric Dunbar

Vetter: Caroline Watson

Red (7.5km)

Derek Morrison	68.05
Geoff Morrison	69.56
Bruce Perry	75.33
Peter Watson	76.06
Ross Morrison	88.01
Tom Fargher	109.20
Dave Fisher	112.05
Norris Cox	127.12
Alan Berry	129.50
Scotty & Beryl Smith	190.50
Terry Russell	DNF
Pamela Morrison	DNF

Orange (3.1km)

Brian Wardle	50.44
Max Depinoy	52.14
Brian Crawford	55.36
Rob Poulgrain	61.31
Kath Berry	65.21
James Watson	65.54
Ted Sapsford	74.40
Anne Sapsford	115.10
Jessica Fargher	DNF

Yellow (1.1km)

Jenny Russell	44.11
Gemma Lucas	53.34

White (0.9km)

Tilly Chatfield	15.08
S Shand	17.15
Carolyn Brabyn & Jackie Sharp & Elyce McLatchie	17.53
Melissa Cooper	18.00
Emma & Helen Watson	18.28
Steph Bird	18.40
Tess Walker & Tess Brocklebank-Smith	18.53
Nicky Bray	20.54
Anneka Perry	21.00
Amanda Dawson	22.07
Jessica Shand	22.08
Elizabeth Carpenter	25.45
Kate Morrison	39.25
James Watson (2 nd)	9.12
Duncan & Kate Morrison(2 nd)	19.42

String Course

Duncan Morrison	5.30
Oliver Watson	6.00

WOA Relays



Sunday 2nd November 1997

at

Taueru

(Note : Change of venue - from Hidden Lakes)

Entry forms have been sent to Club Secretaries

**There will, as usual, be Mixed A and Mixed B classes, each with 3 legs.
So make up your teams now and get your entry back by 20 October 1997**

Watch our Web Site for more information

Te Mata Park

Sunday, 7 September, 1997

The gates carpark was the finish area chosen for the caravan position and in the morning, with so much slush around after the rain, we decided to back the caravan up the track a little to get drier footing.

A letter to Jenny Senior at Te Aute College brought forth a strong contingent in two vehicles. Most did 2 courses. Well done.

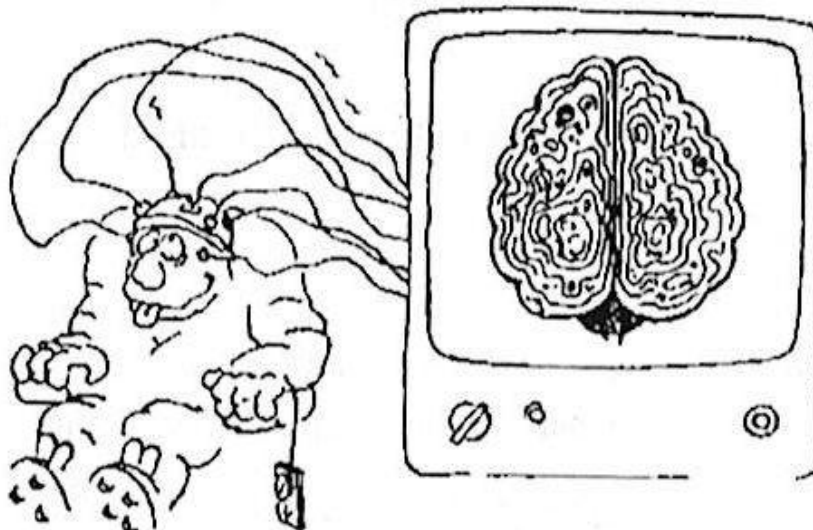
This event, despite the cold and threatening clouds, and slippery tracks, was well attended. Thank you to Geoff and Pamela Morrison who assisted the newcomers. Max McEwan and Margot Young had a tough time with such large numbers of contestants on the day, but accomplished their tasks well in the caravan.

The control collection was admirably done by Richard Lynn, Max McEwan, and President Geoff. The string course was set by Ross Morrison, and wound up by Caroline Watson and Dave Fisher. A big thank you to helpers and contestants. Max said keep it simple - so we did. Hope you enjoyed the day.

Dave Smith

P.S. Congratulations to Max on reaching three-quarters of his century! He celebrated by taking me up in a Cessna 172, which he piloted.

Technical Note:- Master maps in plastic bags will remain on wet tables without taping!



Red (3.88km, 307m)

Derek Morrison (memory)	41.37
Ross Morrison	49.09
Geoff Morrison (memory)	52.51
Bruce Perry	57.31
Ken Holst	59.19
Tom Fargher	64.45
Norris Cox	67.32
Alan Berry	67.57
Doug Matheson	71.09
Dave Fisher	72.13
Brian Wardle	74.16
Terry Russell	76.00
Brian Crawford	93.26
Scotty & Beryl Smith	102.06
Ted Sapsford	107.12

Orange (2.13km, 190m)

Peter Watson	32.16
Richard Lynn	38.04
Pamela Morrison	41.14
Craig Tuohy	43.01
Max Depinoy	55.05
Sharon Mardon	58.45
Diane Lucas	59.29
Kath Berry	60.26
Rob Poulgrain	60.27
James Watson	69.15
Emma Watson	105.22
Dick & Sue Geenty	146.30
Charles Martin	156.10
Pat Larsen (2 nd course)	92.04
The Juniors (Te Aute College)	DNF

Yellow (1.96km)

Jenny Russell	39.03
Amber Morrison	46.02
The 2 of Us (Te Aute College)	51.49
The 3 of Us (Te Aute College)	56.03
Kamikazies (Te Aute College)	59.03
Pat Larsen	67.57
Rangi & Shaun (Te Aute College)	74.37
Hugo & Anneka (2 nd course)	75.31
Jessica Fargher	DNF

White (1.2km)

Duncan Morrison	21.30
Hugo Beamish	23.27
Matthew Aries	25.47
Helen Watson	27.01
Anneka Perry	28.50
Kate Morrison	30.47
The Slowjos (Te Aute College)	31.10
P Melville	36.00
The Bigheads (Te Aute College)	57.27
Greg Tuohy	77.07
Russell Taylor	77.07
Nicholas Turvey	77.07
J & L Turvey	DNF

String Course

Duncan Morrison	10.47
Helen Watson	11.57
Oliver Watson	15.00
Avril & Nick Turvey	24.40

HBOC CHAMPIONSHIPS

When?:- 16th November.

Where?:- Tangoio East (virtually a new map for all club members).

What time?:- Start any time between 10.30 and 1.30 as normal.

Who is eligible?:- everyone who is a member, regardless of age, weight, height, IQ, sex, colour, looks, or wealth.

Which class?:- there is a class available for everyone. If you're unsure which one to enter, just ask on the day.

Why should I enter?:- It is the highlight of the club calendar and it would be nice to see you all there.

CLASSES:-

	EWT	Current Champions
Red Long:- Mens Open	70	Derek Morrison
Red Medium:- M40+, Womens Open	50	Ken Holst , Liz Nicholson
Red Short:- M50+, W40+, W50+	40	Sharon Mardon(W40), M/W50 new
Orange Long:- M Open B, M16	45	Ben Lee , no M16
Orange Short:- W Open B, W16	40	Anne Sapsford, noW16
Yellow:- M14, W14	35	Anthony Lloyd, no W14
White:- M12, W12	25	James Watson, Amber Morrison

Pukeora Sprint

To encourage people to travel to the WOA OY here, we decided to run an extra event on the Saturday.

Though the HB turnout was miserable, it did get a good number from Wellington for this warmup. It was a shame more people didn't take this opportunity to hone their skills here for the next day. It was short, sharp, and relaxed, and enjoyed by all (I think).



HB Orienteering Club Results Pukeora Hill "Sprint-O" - Saturday, 20 September, 1997

Setter: Geoff Morrison

Red (3.45km)

Malcolm Ingham (W)	29.08
Steve Holden (W)	30.45
Gillian Ingham (W)	31.33
Scott Vennell (A)	39.12
Tom Fargher (HB)	40.08
Roger Shelton (W)	41.58
Pamela Morrison (HB)	43.08
Dave Robinson (W)	45.12
Ken Fraser (W)	45.30
Simon Robinson (W)	48.22
Brian Wardle (HB)	48.44
Åsa Johannson (HB)	m1 DNF

Red Short (2.07km)

Dave Glover (W)	36.00
Helen Sharpe (W)	42.30
Tanya Dillon (HB)	43.08
Lynn Glover (W)	49.50
Julia Fraser (W)	51.22
Victoria Glover (W)	52.50
Christopher Ingham (W)	DNF

Orange (3.00km)

Jo Holden (W)	43.02
Amy Holden (W)	47.54
Carol Holden (W)	67.15
G Holden (W)	73.57
Ruvan Mendis (W)	79.27

Yellow (1.61km)

Jessica Fargher (HB)	36.05
McGlashan Family	43.11

White (1.41km)

Lizzie Ingham (W)	26.57
Sriyae Mendis (W)	30.30
Sophie Fargher (HB)	31.56

Seafield Road OY5 - 21 September, 1997

What a great area! I hope everyone enjoyed themselves, because I did setting the courses. The only thing I didn't enjoy was putting out all the controls. You try carrying 35 controls up those hills all at once. The first 100m is okay but then your shoulder starts to ache, then your arm, then your back etc etc. After 200m you decide that's enough. Unfortunately.....

I especially enjoyed setting the red long course. Its a pity I couldn't incorporate the long leg from that course in all the red courses, as I'm sure that you all would have found it challenging. Unfortunately you would all have complained and whinged and carried on to the extent that it would have been terrible to watch. So I compromised. Actually the compromises turned out all right too - well, according to all the reports we received at the finish. Sorry about all the hills, but if you come back after the next major earthquake perhaps they will be a little flatter. Mind you, no hills, no route choice - take your pick!

Once again we find that the shorter courses (red and orange in particular) were well patronized. The white course was very competitive and the yellow course was almost a waste of time - although I'm sure that the competitors that did actually compete on it wouldn't agree. It has been suggested that the red medium course should have a shorter win time than 60mins and having looked at the results I'd have to agree, 45-50 mins seems far more appropriate. I'll keep that in mind for next time.

Thanks to all those people who helped on the day with the exception of Richard who was picking up controls and didn't bother bringing one control back even though he walked right past it! Now I ask you, what sort of a person would do a thing like that? Just because it wasn't on his list to pick up!!! Oh well, good excuse for another run on a great area. (Turned out to be more of a 'Stagger-slip, stagger-slip' as I did it after a lot of rain in work boots and long trousers.)

KCH



STRING

Hugo Beamish	8.32
Duncan Morrison (HB)	14.59
Anneka Perry (HB)	15.50
Kate Morrison (HB)	16.25
Oliver Watson (HB)	16.40

HB Orienteering Club

Results Seafield Road - Sunday, 21 September, 1997

Setter: Ken Holst

A = Auckland HB = Hawkes Bay HV = Hutt Valley RK = Red Kiwis (PN) W = Wellington
KH = Kapiti Havoc

<u>RED (7.2km)</u>		Kathryn Edmonds (W)	68.31
Derek Morrison (HB)	71.51	Diane Lucas (HB)	72.21
Malcolm Ingham (W)	72.38		
Ted van Geldermalsen (HV)	75.04	<u>ORANGE LONG (4.25km)</u>	
Geoff Morrison (HB)	78.17	Richard Lynn (HB)	65.33
Peter Watson (HB)	80.24	Gordon Rogers (HB)	66.25
Dave Persson (RK)	80.45	Brian Wardle (HB)	75.23
Gillian Ingham (W)	81.33	Terry Russell (HB)	77.20
Steve Holden (W)	97.28	Ngairie Davies (RK)	83.52
Tim Hay (HB)	107.53	Tim Edmonds (W)	86.23
Roger Shelton (W)	111.20	Craig Tuohy (HB)	91.24
		Jo Holden (W)	96.28
<u>RED MEDIUM (5.5km)</u>		<u>ORANGE SHORT (3.35km)</u>	
Ross Morrison (HB)	60.14	Bryn Davies (RK)	50.46
Bruce Perry (HB)	61.52	Amy Holden (W)	56.42
Max Kerrison (HB)	66.34	Ruvan Mendis (W)	61.39
Scott Vennell (A)	68.49	Victoria Glover (W)	92.12
Doug Matheson (HB)	73.05	G Holden (W)	108.02
Norris Cox (HB)	76.01	Carol Holden (W)	128.01
Lauren Manning	78.07	Patricia Larsen (RK)	143.15
Penny Kane (W)	80.28	Anne Sapsford (HB)	147.16
Dave Fisher (HB)	80.59	Max McEwan (HB)	199.49
Åsa Johansson (HB)	84.40	Charles Martin (HB)	DNF
Tom Fargher (HB)	84.49		
Dorothy Kane (W)	88.14	<u>YELLOW (2.65km)</u>	
Pamela Morrison (HB)	91.34	Helen Sharpe (W)	39.36
Ken Fraser (W)	91.52	Claire Paterson (RK)	53.56
Alan Berry (HB)	92.18	Kate Andrews	62.05
Lynn Glover (W)	93.23	Jenny Russell (HB)	64.11
Caroline Watson (HB)	93.50	Dave Smith (HB)	89.50
Lowell Manning (KH)	97.08		
Julia Fraser (W)	101.07	<u>WHITE (1.85km)</u>	
Beryl & Scotty Smith	138.04	Emma Watson (HB)	18.51
<u>RED SHORT (3.0km)</u>		Amber Morrison (HB)	20.39
Tony Paterson (RK)	41.59	James Watson (HB)	24.44
Brian Crawford (HB)	46.34	Lizzie Ingham (W)	27.21
Simon Robinson (W)	50.28	Kate Morrison (HB)	28.55
Vera Manning (KH)	51.31	Helen Watson (HB)	33.44
Raewyn Persson (RK)	52.39	Sriyal Mendis (W)	35.42
Sharon Mardon (HB)	53.22	Beamish Family	36.28
George Davies (RK)	53.48	Andrew Glover (W)	43.20
Dave Robinson (W)	55.30	Anneka Perry (HB)	43.58
Dave Glover (W)	57.32	Greg Tuohy (HB)	87.34
Margi Freemantle (HV)	58.41	Nicholas	87.35
Robyn Davidson (RK)	66.09	Russell Taylor	87.36

1997 OY SERIES

	OY 1	OY 2	OY 3	OY 4	OY 5	OY 6	Total	Best 4#
Red long - men								
Derek Morrison OY2*	24.95	25.00	25.00	22.55	25.00		122.50	99.95
Peter Watson OY3*	23.40	25.00	25.00	25.00	22.34		120.74	98.40
Geoff Morrison	25.00	20.62	24.59	17.37	22.95		110.53	93.16
Maurice Lloyd OY4*	24.29	19.99		24.29			68.57	68.57
Ken Holst OY5*			18.39		18.39		36.78	36.78
Tim Hay					16.65		16.65	16.65
Red medlum - women								
Caroline Watson	23.34	25.00	25.00	25.00	22.56		120.90	98.34
Pamela Morrison	25.00		16.83	13.20	23.12		78.15	78.15
Asa Johansson					25.00		25.00	25.00
Diane Lucas		15.15					15.15	15.15
Red medlum - men								
Bruce Perry	24.18	22.72	25.00	25.00	24.34		121.24	98.52
Ross Morrison	18.72	23.86	23.39	24.67	25.00		115.64	96.92
Max Kerrison	25.00	25.00	22.59		22.62		95.21	95.21
Alan Berry OY1*	20.69	18.39	16.21	20.69	16.31		92.29	76.08
David Fisher OY1*	18.59	17.08	14.90	17.47	18.59		86.63	71.73
Eric Dunbar		18.58	17.74	19.30			55.62	55.62
Tom Fargher OY3*		18.30	18.30		17.75		54.35	54.35
Doug Matheson	14.53			10.62	20.60		45.75	45.75
Norris Cox	18.77				19.81		38.58	38.58
Ken Holst				24.99			24.99	24.99
Red short - women								
Sharon Mardon	25.00	22.22	25.00	25.00	25.00		122.22	100.00
Kath Berry	10.00	21.42	19.93	22.69			74.04	74.04
Diane Lucas				15.48	18.44		33.92	33.92
Linda Lloyd		25.00					25.00	25.00
Red short - men								
Brian Crawford OY 4*	25.00	24.57	25.00	25.00	25.00		124.57	100.00
Philip Mardon			20.88	17.23			38.11	38.11
David Smith		25.00					25.00	25.00
Tom Fargher				25.00			25.00	25.00
Orange - men								
Richard Lynn		25.00	25.00	25.00	25.00		100.00	100.00
Gordon Rogers		22.61	24.02	17.82	24.67		89.12	89.12
Brian Wardle	21.50	16.56	19.19	20.32	21.74		99.31	82.75
Craig Tuohy		19.46	19.71	19.60	17.83		76.60	76.60
Brett Taylor	25.00						25.00	25.00
Terry Russell					21.19		21.19	21.19
Barry Thompson		11.18					11.18	11.18

Yellow - women

Jenny Russell	25.00	20.66	19.82	25.00	90.48	90.48
Jessica Fargher		25.00	25.00		50.00	50.00
Gemma Lucas	12.53		21.66		34.19	34.19
Majorie Katene	25.00				25.00	25.00

Yellow - men

Anthony Lloyd	25.00	25.00		25.00	75.00	75.00
James Watson		20.74	25.00	17.74	63.48	63.48
Dave Smith	21.19			14.74	25.00	60.93
Max McEwan	19.77				19.77	19.77
Jason Russell				15.40	15.40	15.40

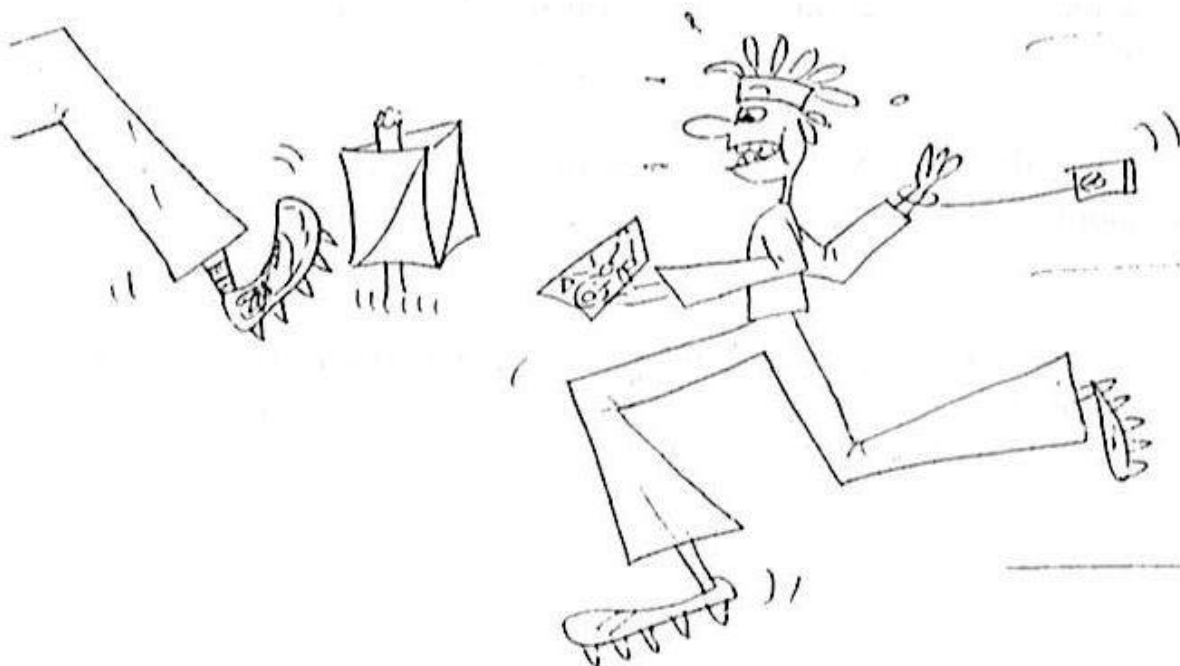
White - women

Emma Watson	14.23	25.00	25.00	18.16	25.00	107.39	93.16
Amber Morrison	25.00		18.93	25.00	22.82	91.75	91.75
Anneka Perry	10.00	14.87	19.05		10.72	54.64	54.64
Helen Watson				10.71	13.97	24.68	24.68
Kate Morrison					16.30	16.30	16.30

White - men

James Watson	25.00				25.00	50.00	50.00
Brendan Lloyd		25.00		23.31		48.31	48.31
David Costigan			25.00			25.00	25.00
Chris Pike				25.00		25.00	25.00
Greg Tuohy					10.00	10.00	10.00

* indicates setters and controllers, who score points equal to their best other event during the series
 # total to date, if less than five events



PUTTING IT ALL TOGETHER

CONTOURING Hill climbing is very tiring and a route involving ups and downs will sap energy. It is often better to maintain your height by contouring.

USING HANDRAILS Many different forms of handrails can be identified. The obvious ones are roads, tracks, fences, streams and fire breaks but other features such as ridges, vegetation boundaries and valleys can be extremely helpful.

AIMING OFF In situations where the line of travel will meet a collecting feature, it is advisable to aim off to ensure you know which way to turn when you reach the collecting feature.

ATTACK POINTS An attack point is a well defined feature such as a track junction, stream bed, pond or hill. To be effective, the attack point should be reasonably close to the control. Once the attack point has been found navigate very carefully to the control.

HELPFUL HINTS TO NAVIGATION

- Keep the map orientated at all times and move your thumb along the line of travel.
- Check the control descriptions carefully.
- Check the terrain surrounding the control and select an attack point.
- Identify useful handrails and collecting features.
- Mentally check off features as they are observed.
- Identify and note any catching feature beyond the control in case you overshoot.

Extracts from "Orienteering - A Way of Learning Outdoor Navigation" by Peter Wilson. This and many other excellent orienteering texts are available from our club library - see Kath Berry.

FIXTURES - LOCAL EVENTS

Date	Fixture	Map
October 5	Short O Champs	Horseshoe Bend
October 19	OY #6	The Slump
November 16	Club Champs	Tangoio
November 30	Club event	McNeil
December 14	Xmas event	Raretu

You can start anytime between 10.30am and 1.30pm at these events. The courses will close at 3.00pm, which means controls will be removed from this time. If still on your course, please return to the finish.

FIXTURES - OTHER EVENTS

Date	Fixture	Map
October 10 - 12	Womens Camp♣	Taupo
October 12	CD OY#7	Opepe, Taupo
October 12	Frank Smith Trophy	Watchtower
October 19	Auckland Champs♣	
October 25 -27	Labour Weekend 3 Day♣	Hamilton
November 1	WOA Night Champs♣	
November 2	WOA Club Relays♣	Taueru - Masterton
November 8/9	CD Champs♣	Egmont
November 22/23	WOA Champs♣	PukePuke & Kaikokopu
December 6	WOA Rogaine♣	

♣ = Pre-entry event

HAWKES BAY ORIENTEERING CLUB

Programme of club events September - December 1997

September 21 Seafield Road

This event is the fifth in the club's annual Orienteer of the Year series and is also one of the Wellington area OY series. It is, however, as are all club events, open to anyone who wants to take part. The Seafield Road map takes in an extensive area of mature pine forest and adjoining farm land, to the west of the Napier airport. This is the top forest map that we have in Hawkes Bay and provides tremendous forest orienteering.

Seafield Road turns off the Rissington Road, to the west of Taradale.

October 5 Horseshoe Bend

The Horseshoe Bend map is just behind Te Mata Peak, on Matangi Road. Turn off the Waimarama Road just before the Tukituki River bridge. This particular event is called a Short-O and comprises one run in the morning and another after lunch, both counting towards the final result. The courses are therefore fairly short. For anyone wishing to take part in both morning and afternoon courses, the final start time for the morning courses will be 11 am.

October 19 The Slump

The Slump event is the final in the 1997 Orienteer of the Year series. The map received its name because it covers a large area of land that slumped directly downwards away back in history, creating some very strange and difficult land forms. As always though, there will be courses to suit all levels of experience. The mapped area comprises mainly farm land, with many patches of scrub and bush. The Slump is up the Dartmoor Road, past Sacred Hill Winery.

November 16 Tangolo

Tangolo is one of our newest maps, in the forest behind the PanPac mill at Whirinaki.

The terrain is a mixture of lowland, medium and steep pine forest, with areas of open country. The trees are quite young so it is a bit of a scramble in parts at the moment but Tangolo will grow into a tremendous forest map.

November 30 McNeil

This will be the final event on the more serious orienteering calendar for the year. McNeil is mainly farm land, with patches of scrub and a very large hill in the middle! To find McNeil, turn off the Rissington Road to the left, just over the bridge at the Omatua Guide camp.

December 14 Raretu

We end the year with a Christmas event at Raretu, which is just over the Tukituki River bridge, on the way to Waimarama. Nothing too serious and a chance for a more social get together for everyone and the kids.

At all events, there will be a range of courses to suit everyone, from beginners onwards.

Specific road directions are published in the Happenings column of the HB Sun newspaper, on the Tuesday before the event. Details will often also appear in the sports draw page of the HB Herald Tribune on the Wednesday before the event.

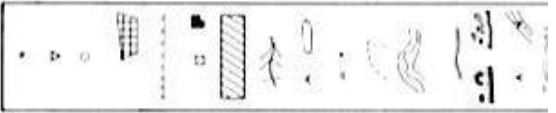
For information about the club or events, phone Pamela Morrison on 877 4870.

HAWKES BAY ORIENTEERING CLUB - 1997

30-Sep-97

ADLAM, Rosalle	6 Henley Crescent	Pirimai	843 5557
BERRY, Alan & Kath	10 Nimon Street	Havelock North	877 7223
BERRY, Ross & Robyn	27 Hikanui Drive	Havelock North	877 4436
BOWKER, Rick/HAWKE, Jan	709A Roberts Street	Hastings	878 2828
CLOTHIER, Lynley	30 Kaweka Place	Havelock North	877 5820
COSTIGAN, John David	707A Nelson Street N	Hastings	876 9569
COX, Norris	23 Ormond Road	Napier	835 4129
CRAFT, Charles & Mary Jayleen, Candice Casey, Levi	158 Portsmouth Road	Hastings	879 5387
CRAWFORD, Brian	8 Totara Street	Taradale	844 6125
DEPINOY, Max	Loule Street	Hastings	
DILLON, Debble & Doug Tanya	Speedy Road, RD 1	Walpukurau	855 8311
DUNBAR, Eric	34 Jellicoe Street	Walpukurau	858 7146
EMMERSON, Paul	74 Te Aute Road	Havelock North	877 5282
FARGHER, Thomas Jessica	R.D. 1,	Otane	856 8138
FISHER, David	26 Trent Street	Taradale	844 8282
FISHER, Mac & Ngahre	23 Charles Street	Westshore	835 3773
HAY, Tim	22 Lucknow Road	Havelock North	877 5804
HEGGLIN, Esther			
HOLST, Ken & Kay	Twylford Road	RD 5, Hastings	879 5046
HOWELL, Chris	1950 Maraekakaho Rd	RD 1, Hastings	879 5686
HUNT, Barry Robert	410 Park Road North	Hastings	876 9268
JOHANSSON, Asa	57 Apatu Street	Walroa	838 7868
KATENE, Marjorie	Te Hauke	RD 11, Hastings	874 8766
KERRISON, Max	492 Puketapu Road	RD 3, Napier	844 9326
LLOYD, Maurice & Linda Anita & Anthony	90 Waverley Road	RD 3, Napier	843 5251
LUCAS, Diane Gemma	16 Konini Avenue	Napier	843 0095
LYNN, Richard	20 Scully Crescent	Napier	843 7511

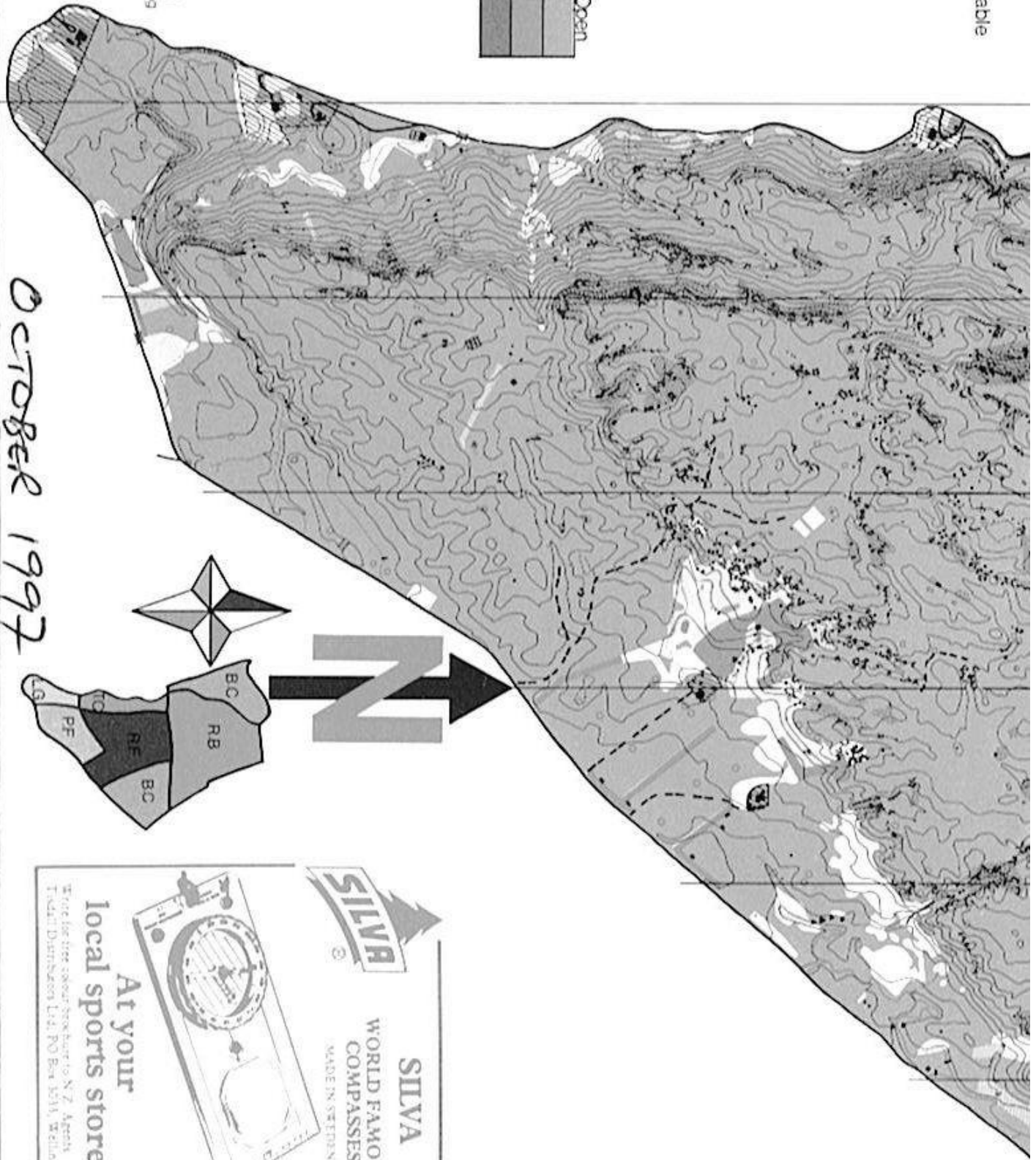
MARDON, Phillip & Sharon	24 Evenden Road	Hastings	876 8558
MARTIN, Charles	65 Milton Road	Napier	835 4110
MATHESON, Doug	11 Harpham Street	Taradale	844 1410
McEWAN, Max	13 Emerald Hill	Havelock North	877 8421
MOLONEY, Rowan	307 Hapuka Street	Hastings	878 6572
MORRISON, Derek & Val Ross & Amber	24 Tauroa Road	Havelock North	877 8261
MORRISON, Geoff & Pamela	27 Margaret Avenue	Havelock North	877 4870
PERRY, Bruce	118 Crownthorpe Road	RD 9, Hastings	874 3731
PIKE, Sue & Martin Christopher & Nicholas	61 State Highway 2	Main Rd, Clive	870 0246
POULGRAIN, Rob & Julie Allister	1208 Ada Street	Hastings	876 7692
ROGERS, Gordon	24 Scott Drive	Flaxmere	879 8487
RUSSELL, Terry & Samantha Jenny & Jason	Ormond Road	RD 5, Hastings	879 5165
SAPSFORD, Ted Anne	3 Lorne Crescent	Flaxmere	879 8993
SHAND, Sandra (33rd HB Guide Unit)	"Islington" RD 1	WAIPUKURAU	
SMITH, David	3 Everest Avenue	Havelock North	877 4583
SMITH, Beryl & Scotty	19 Waterhouse Street	Taradale	844 7470
SMITH, Graham Clinton, Bronwyn, Ashley	6 McKenzie Avenue	Napier	843 9668
TAYLOR, Brett	9 Ypres Road	Greenmeadows	844 7145
THOMPSON, Barry	Whinfield	RD 3, Napier	844 8023
TUOHY, Craig	913 Wall Road	Hastings	876 0565
TURVEY, Janet & Bill Avril and Blair	165 Georges Drive	Napier	835 7041
WARDLE, Brian	134 Napier Road	Havelock North	877 6660
WATSON, Peter & Caroline James & Emma	9 Nelson Street	Waipukurau	858 8208
YOUNG, Margot	606 Terrace Road	Hastings	876 9741



Cave, Pit
 Cliff: passable, impassable
 Earth bank
 Contours 5m
 Form line
 Knolls
 Depression
 Erosion gully
 Out of bounds
 Building, Ruin
 Fence (not all shown)
 Stockyard
 Distinct tree
 Trig point
 Man-made feature

Fast	Forest	Semi	Open	Open
Slow run/Walk				
Flight				

Photogrammetry N.Z. Aerial Mapping
 Cartography Ross Frechtling
 Fieldwork R. Frechtling R. Bee
 B. Crawford T. Carswell
 L. Greene P. Frechtling
 Printer Photolux Printing Ltd
 April 1984



OCTOBER 1997

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