

FOSSICKIN' ROUND

THE VICTORIAN SEEKERS CLUB BI-MONTHLY NEWSLETTER

Vol. 36 issue 2

March/April 2015

NEW!

Minelab gold detector!!!

*See Inside
for details
and JP's
impressions*



GPZ 7000

The Future of Gold Detection

**87 oz. nugget found near
Inglewood/Kingower**



Inside This Issue

Mountain Hut Camp Report

Eaglehawk Camp Report

How to use GPX Tracking, Motion & Sweep Speed

Recent Gold Finds



The Victorian Seekers Club Inc. (A0001477T)

Is a family oriented organization, the objectives of which are to promote friendship, cooperation and exchange of ideas among people interested in prospecting and metal detecting. To realize these aims, we have meetings, lectures, discussions and practical demonstrations to help members acquire the skills required to make prospecting and metal detecting an enjoyable and rewarding pastime. We arrange outings to the goldfields and other prospecting sites, beaches, camps, ghost towns etc, to search for gold, coins, relics, gemstones and other natural and man made objects of value and / or of interest. In addition, we also have functions to foster social contacts among members. Our conduct is governed by a strict code of ethics including avoiding trespassing on private property or damaging the natural environment, hence our motto:

"Seek, But Do Not Destroy"

Membership is open to adult persons and their minor children without regard to race, creed or political persuasion, who are interested in these pursuits and prepared to abide by our Constitution and Rules of Conduct. VSC has general meetings on the first Wednesday of each month (except January) at the Mulgrave Senior Citizens and Community Centre, 355 Wellington Road Mulgrave, and at a field trip each month and, in addition, we also have some occasional day outing.

Annual Membership Fees

Family Membership: \$55.00

Single Membership: \$45.00

One-off joining fee: \$10.00 single, \$20.00 family.

Subscriptions are due and payable from the 1st of July each year.

The VSC Inc. Constitution states:-

Clause 6. (3) Members whose current subscription are in arrears on the first day of September shall automatically cease to be members and can only be re-admitted upon payment of both the annual subscription and a joining fee.

Website: <http://seekers.metapath.org/>

email: xxx@xxx

PO Box 15, Mt Waverley BC, VIC 3149

Committee of Management

PRESIDENT: Lindsay TRICKER, (03) 9999 9999
Club management/ representation, Chairperson. email: xxx@xxx

VICE PRESIDENT: Eric GRUMMETT (03) 9999 9999
President's deputy, arranging speakers. email: xxx@xxx

SECRETARY: John CLOSE (03) 9999 9999
Correspondence, meetings, admin. matters. email: xxx@xxx

TREASURER: Warren IBBOTTSON (03) 9999 9999
Budget, finance matters (other than subscriptions) email:xxx@xxx

NEWSLETTER EDITOR: Ian SEMMENS (03) 9999 9999
Compiling & setting out Newsletter, & distribution email: xxx@xxx

MEMBERSHIP SECRETARY: Warren IBBOTTSON (03) 9999 9999
Subscriptions, membership records, email: xxx@xxx

RESEARCH OFFICER: Rob SHANNON (03) 9999 9999
Information about outings, field activity. email: xxx@xxxx

CATERING SUPERVISOR: Jim & Maureen LAUNDY (03) 9999 9999

SOCIAL SECRETARIES: Val LIPPINGWELL (03)9999 9999
Tina WHELAN (03) 9999 9999
Organizing social functions, raffles, theatre bookings, etc.

ALMONER: Louise MCGOUGH (03) 9999 9999
Contact on matters of personal nature, weddings, bereavement, etc.

INFORMATION TECHNOLOGY: Geoff LEE (03) 9999 9999
email: xxx@xxx

FIELD OFFICERS: Ted COX, Bob LAKE, Graham SILVER, Mick SCHOTT, Barry WESTON

Events Calendar

March

Wed. 4th: General Meeting.
Thurs. 5th - Tues 10th: Camp Wedderburn
Fri. 13th: Theatre Night Lillydale 8:00pm
Sat. 7th - 8th: Wedderburn Detector Jamboree.
Sun 29th : Australian Gold Panning Championships
Blackwood

April

Wed. 1st: General Meeting.
Thurs. 2nd - Tues 7th: Camp Fryerstown

May

Wed. 6th: General Meeting.
Thurs. 14th - Tues 19th: Camp Talbot

June

Wed. 1st: General Meeting.
Thurs. 4th - Tues 9th: Camp TBA

July

Wed. 1st: General Meeting.
Thurs. 9th- Tues 14h: Camp TBA

Editor's Report

Well in this issue we have the exciting news of a new top end gold detector from Minelab , the GPZ 7000. Having only just been released , you will have to wait for members reviews of it , but till then, we have the thoughts and experiences of using it from one of Minelab's top field testers, Jonathan Porter.

The Victorian Seekers Club Inc. Website: <http://seekers.metapath.org/>

General Meetings are held on the first Wednesday of each month (Except January) at the Mulgrave Senior Citizens & Community Centre, 355 Wellington Road, Mulgrave, MELWAYS (80, C1). Meetings start at 8.00 pm sharp, punctual arrival would be very much appreciated.

General meeting dates for 2015: Feb 4, Mar 4, Apr 1, May 6, Jun 3, Jul 1, Aug 5, Sep 2, Oct 7, Nov 4, Dec 2.

Committee meetings for 2015: Feb 3, Feb 24, Mar 31, Apr 28, May 26, June 30, July 28, Aug 25, Sept 29, Oct 27, Nov 29.

President's Report

by Lindsay Tricker

As you may be aware, clubs like ours (we have some 200 members), must apply for a permit to camp on Crown land in the Victorian gold-fields.

About a quarter of our regular camp sites are located in State forests which is controlled by the Forest Service. The Acts of Parliament with their associated regulations under which the Forest Service operate, to my understanding, do not (as yet) provide for the Forest Service to require bonds nor charge a fee for the issue of a permit to conduct an event in an area under their control.

The remaining camp sites are in Nature Conservation Parks, Regional Parks, State Parks and some parts of National Parks. All these latter park areas are controlled by Parks Victoria. Parks Victoria, however, operate under many Acts of Parliament, both State and Federal. For many years they have had the power to require clubs like ours to deposit a bond and to pay a fee for the issue a permit. These permits were issued by the various regional offices of Parks Victoria, depending on which gold-field we were wishing to camp on. Up until now the policy was not to charge detecting clubs any bond or fee – only using this requirement for the likes of large car rallies and similar. We have been informed that as of the 1st of February 2015 this has changed. Where previously the number of persons present in a group which required a permit was indicated as 21 persons, now groups of 30 and over now require a permit at a fee starting at \$120 and increasing at an amount as numbers increase. Also, all permit application will be from a new office in Melbourne. Apparently this office is still being set-up and new staff are yet to be trained. Permit applications are therefore still being processed at a regional level.

This change will impact greatly on the viability of our club. Club finances will not be able to cover the cost of monthly permit fees. Consider our Easter camp. Fryerstown is an area controlled by Parks Victoria, and we regularly have attendances of 90 to 100 persons. The fee will be considerably higher than \$120. Clearly the club's finances will not be able to cover these permit fees. Several options come to mind:- (a) charge each individual member attending the camp a fee to cover the cost of the permit. (b) only camp in State Forests and commute to nearby gold fields locate in parks, or (c) limit camp sizes to

under 30 persons – have two separate camps per month – possibly unworkable as it would require setting up rosters and remove member choice. Imagine if a member turned up at a camp he wasn't rostered for, taking the number over 30, the ranger turns up, does a head count and informs all attending they now have to pay a fee and are in fact illegal as no permit has been obtained !!

It is early days yet and the situation could change and not be as bleak a picture as presently being painted. I am reliably informed that our Easter camp at Fryerstown (a Parks Victoria area) will be able to go ahead as in previous years. This is usually a memorable camp and I am looking forward to seeing you all there. Lindsay.



Sophie M. receiving the "Find of the Month" trophy from Lindsay.

CARAC Caravan Accessories
2 Zenith Rd, Dandenong South VIC 3175 (03) 9794 7977

For All Your Caravan, Trailer, 4WD Parts & Accessories

OVER 40 YEARS IN THE INDUSTRY

CARAC SERVICE SPECIAL FOR VIC SEEKERS CLUB MEMBERS
Book your van in for a service by the end of June 2015 to receive 20% off the service cost.
Single Axle ~~\$250~~ \$200 (plus parts) Tandem Axle ~~\$295~~ \$236 (plus parts)
Booking only required by the end of June 2015. The 20% discount is not off parts.

HEATER SPECIALS - ARE YOU READY FOR WINTER?
Webasto Diesel Heater - Air Top 2000 ST Truma Gas Heater - E2400
RRP \$1,500 RRP \$1,950
Special \$1,400 Special \$1,700
(Additional fee required for obtaining gas certificate)

Fitting costs are additional to the above prices. Carac will offer 20% of the cost of fitting the unit.
Take advantage of this special offer until 30th June 2015

The Victorian Seekers Club Members receive bonus reward points to use in store as part of our Loyalty Card program upon signing up.
YOUR EXPERTS IN SERVICING AND FITTINGS

General Meetings

By Eric Grummett

It was good to see a great turnout of about 45 members for our first meeting of 2015. Everyone was eager to get underway for another year, which is the club's 35th.

Interest in our club has been very strong in the last few months with many prospective new members attending our meetings and then following up with a camp, most of whom end up joining. We must be doing something right as numbers are almost up to 200.

Lindsay spoke about the dilemma we may be facing in the near future in obtaining permits to camp in all land controlled by Parks Victoria. They may be requesting a fee of probably \$120 for groups of over 30. This would be in all National, State, Regional and Nature Conservation parks, which cover half of the areas we go to at present, including Fryerstown. If it happens, a small levee may have to be paid by those in attendance. Bureaucracy is going mad.

Peter Maffey has finally come up with an answer to the problem of surface ferrous rubbish by designing a magnetic rake. He has been working quietly away for months on the solution, and after 3 attempts, launched his final version for all the world to see at the meeting. It was such a success I think he removed nearly all the nails from the hall floorboards when he raked it over.

Alex donated an anti snake venom device to our first aid kit that can be used to suck out the venom from a bite. It will also be handy to clean out some of those hard to get at crevices in the creeks.

The Find of the Month went to Robert Shannon for his great 45gm show of gold he found at the November camp. Thomas M was second with his very ornate snake ring.

This newsletter is copyright.

The entire contents, including the advertisements, of this newsletter is protected by copyright. No part may be reproduced by any means without written permission from the VSC committee.

Disclaimer:

Opinions expressed in this newsletter do not necessarily reflect that of the VSC Committee.

Our guest speaker was David Kleish who gave us a very informative talk on what you should do when planning a prospecting trip to Western Australia. He went into great detail showing us maps, planning approvals required, some rock samples, and many photos of his trip last year. He created a lot of interest and many questions were asked.

Don't forget next month, we will have model maker Dean Smith from the Melbourne Museum demonstrating how he creates nuggets and stuffed animals for display. At our April meeting we will be having another interesting video from Ian Semmens.



David addressing the meeting of his experiences detecting in Western Australia.

NEWSLETTER ARTICLES

Please send your articles, ads, photos, letters, to the editor. They need to be sent by email as a **Word file attachment**.

Please email to Ian at: ian@regentvideo.com.au
It's your contributions that make this newsletter great!

CC Picks



www.ccpicks.com.au
Prospecting Equipment Australia



"pound for pound the worlds best pick"

Wing shape design

Spring steel heat treated to 46-49 rockwell c

All Australian hardwood handle



Single piece of tempered spring steel (no weak welded joints)

Heavy gauge 3.4mm handle apogee

30 day money back guarantee

- 4, 5 & 6 mm picks heads
- Australian design, materials and manufacture
- Innovative design (patented design)
- Single piece, industrial strength heat treated spring steel
- 4 unique models



Name of pick	Weight	Head thickness	Handle length
Discoverer	1350gm	6mm	900mm
Prospector	950gm	5mm	750mm
Faith	500gm	4mm	600mm
Jewel	450gm	4mm	450mm

Pound for pound, the world's best pick

Available from prospecting shops
www.ccpicks.com.au

Easter Camp at Fryerstown April Thursday 2nd to Tuesday 7th

Another exciting camp. Fun for everyone!!

SATURDAY:

☺ Chewton Market - handicraft and produce from local stall traders; all day, next to the Albion Hotel.

☺ **Egg race** - 5pm. Ladies' event followed by Men's. Balance a hard boiled egg in a holder on your detector and run a short course through camp.

☺ **Chewton Old Time Dance** - After dinner in hall behind the Albion Hotel. Supper will be provided.

SUNDAY:

☺ Easter Bunny - Sunday morning visit by the Easter Bunny with Easter Eggs.

☺ Men's and Ladies' **Easter bonnet (hat) competition.**



Fancy Dress competition -

The Theme is an Australian Character. This will be held Sunday evening before the dinner.

Roast Dinner - 6.30pm. ☺ Choice of 3 different meats: ham, lamb or beef. The cost is \$5.00 per person.

Please bring salads and sweets. Keep your dinner ticket for the Door Prizes.

☺ Games for all ages and genders.

☺ **Songs, sing along, sketches, jokes, etc.** This is your chance to present an act. Go on, Have a Go!

MONDAY:

☺ Special Easter treasure hunt. Men's and Ladies' events.

Code Red Fire Days Notice

In the event that a Code Red Day is declared for any camp days, the camp will be cancelled.



During Code Red days, no one is permitted to enter State Parks and Forests.

Camp may also be cancelled during other periods of severe weather.

THE RV REPAIR CENTRE

- Servicing Caravans, Campers and Motor Homes
- Insurance work including hail/storm damage quotes & repairs
- Air Conditioning & dedicated heating installations
- Sway control & ESC installations
- Refurbishments for older Caravans & Motor Homes

Phone 9761 4189

Rear 120 Canterbury Road, Bayswater

www.thervrepaircentre.com.au

sales@thervrepaircentre.com.au

World's best Minelab detector upgrades and modifications.

We now provide the latest upgrades to all Minelab Pulse-Induction detectors. Light-weight battery systems, high quality boosters, and clip-on speakers are now available for all models.

New upgraded headphone inserts can be installed in your old headphones, the sound difference increases the response from both small and deep gold.



P 03 9766 0430

E detectormods@gmail.com

DETECTORMODS

detectormods.com

- **Battery Repair**
Including the Minelab GPX Li-ion battery
10% discount for VSC members
- **Replacement Batteries**
For a wide range of devices.



- **Solar Panel Kits**
- **Batteries**
- **Accessories**



Hye Trading Power P/L

Unit 5, 35 Lacey Street

Croydon Vic., 3136

T (03) 9725 1822

M 0407 021 966 (John)

email:sales@hye.com.au

www.hye.com.au

January Camp Report

Mountain Hut

by Lindsay Tricker

Normally the Australia Day long week-end is considered our hottest camp of the year and as a consequence is generally poorly attended. This year we experienced un-seasonally mild conditions, much like early Spring with temperatures between 20 – 30 °C. with cool southerly breezes. As a result about 24 members attended with several day-trippers and two prospective new members.

Some very nice gold was found with Matt-the-tailor finding a 11.7 gram nugget. Mick S found his first ever nugget under the guidance of Barry S – congratulations Mick and many thanks to Barry for assisting a new member. It's thoughtful actions like this which make the Seekers such a great club!

Peter G handed in a GPS unit he almost drove over on a bush track. Appeals to members gathered in the happy hour group failed to locate an owner. On switching on hoping that the date and time of the last fix would indicate when it was last used, the name of Ken W. and phone number came up on the screen. Ken (a little embarrassed) explained that he hadn't realised he had lost it – he had placed it on the roof of his car to let it acquire a fix while he kitted-up, went detecting without it and later drove off with it falling onto the road. This had a happy ending but one wonders what would have happened if

after several hours of detecting he had reached for his GPS to find out which direction he had walk in to get back to his car parked somewhere in the bush.....

We finally caught up with Sophie M and presented her with the 'Find of the Month' trophy for last November.

All in all this was a very enjoyable camp.



Barry, Peter R. And Ralph D. Relaxing at the camp.



Geoff S. with his new flagpole.



GPZ 7000

The Future of Gold Detection

Get the GPZ Depth Advantage
Find more GOLD and DEEPER!

To find out more about the Minelab range of detectors
Phone 1800 637 786
Or visit www.minelab.com

World's Best Metal Detection Technologies



Mick S. with his first nugget. It's little but it's a start.



Sophie handing out the nibbles.



The general camp scene at Mountain Hut.

Detector Tips

by Rob Shannon

These are fantastic! They are double sided Velcro strap ideal to replace electrical tape to hold in your coil cables along the shaft of your detector. They can be purchased at any Bunnings store at around \$7.00 for a pack of 5.



Safe Detecting

Prospecting is an enjoyable activity however there are some inherent dangers on the goldfields.

- Take care around any open shaft and when walking through the bush.
- Carry a mobile phone and water and the usual emergency provisions such as GPS, compass, first aid kit, torch, matches, UHF radio, snack bar.
- Be aware of hazards such as snakes.
- It is not advisable to prospect alone. Team up with a mate.
- And be SunSmart. Slip on a shirt, Slop on some sun-screen, and Slap on a hat.



Members are responsible for their own safety!



Remember:

to be considerate of others if you feel that you must use a generator.

Don't use it close to other campers, take measures to mitigate the sound such as put it in a ditch or use a sound baffle, don't run it all day, and observe the 9:00 pm cut off time

We encourage you to consider charging batteries with a solar panel instead of a generator.

Sales - Service & Repairs - Metal Detector Hire - Gold Buyers

MINERS DEN

Phone: 03 9873 1244

MELBOURNE
Au

info@minersdenmelbourne.com.au

Part of the Miners Den Australia Network of Minelab Metal Detector Super Stores

See us for ALL your prospecting needs

Hours:
Mon - Fri 9:00 am to 5:00 pm
Sat 9:00 am to 12:00 pm

Find Us Online

www.facebook.com/minersdenaustralia
www.twitter.com/minersdenaus
www.youtube.com/minersdenaustralia
<https://plus.google.com/100251215682175092306>



Shop 2 / 517 Whitehorse Road, Mitcham Vic

www.minersdenmelbourne.com.au

February Camp Report

Eaglehawk

By Robert Shannon

Eaglehawk greeted the Seekers with a 'warm' reception, being a bright sunny day without a cloud in the sky and it was a sign of warmer dry days to follow... well almost! The ground was bone dry and dusty so extra care had to be used when driving into the camp site. Anything over walking speed would be a re-enactment of Mad Max thundering down the outback in his XB with a wall of dust trailing behind.

Mornings started off early for most, trying to avoid the afternoon heat which usually climbed into the low to mid 30's. One morning both myself, Kay and Geoff adventured out for an early detect when I noticed Kay talking to a lady who was walking past us in the bush. Out of curiosity, I approached them both when Kay introduced me to her as Bep Hillier (The wife of Kevin Hillier who found the hand of faith nugget). She was a lovely lady and we managed to have a good chat for 20 minutes, which after she continued on her morning walk back to her residence close by.

We were made to work extra hard for our gold this camp with the heat. Most bits were small however a 2.1 gram nugget was found by Mariusz not too far away from camp. Eric continued to do well with his new 5000 and managed to unearth several small specimens at a spot he had found gold before. Most members managed to find some color, but many made an early retreat back to camp most days in order to escape the heat and cool off with a beer.

Saturday evening we had our traditional raffle which helped raised money for the club so thank you to everyone who bought tickets and donated prizes. Andrew or 'Greckie' who operates Golden Triangle Tours stopped by to pay us a visit and kindly donated \$20 into the raffle.

There was something brewing in the air late Sunday afternoon. While the social circle of members was forming near the peppercorn tree trying to escape the heat, some clouds started to move in and the wind picked up a little. I logged into the Bureau of Meteorology website on my phone and had a look at the local rain radar to be shocked to see a large thunderstorm only an hour away! I quickly popped my head out the caravan to warn the others and advised Peter (who camped behind me in a tent) that if he wanted to start cooking dinner now was the time!

One hour later, it rolled in dramatically dropping the temperature and filling the air with the sweet smell of rain. The most notable presence of the storm was the amount of lightning bolts it threw. On one media source reported

that 54,000 lightning strikes occurred and many local business lost power from downed power poles. Lightning was intense to say the least with a few strikes falling very close in proximity from camp. After it passed, both myself and Peter Maffey retreated from our vans and enjoyed mother nature's light show as it moved along.

The camp welcomed the last members Francine and Francois who arrived at Eagle Hawk only as a stop over as they continued their way up to Kangaroo Island. Hope you both have a pleasant and safe trip! To sum it all up, it was another great camp with some memorable moments. We hope to see you all at the next Wedderburn camp.



Peter M. using his new invention—a rake with magnets to pick up small surface tin and iron.



Screen shot of the approaching Storm.

This illustrates the benefit of having the right apps on a smart phone for Camping.



Peter G.
after a day's
detecting.



Immi's camp.

A Group of happy pro-
spectors:
Tony P., Mariusz,
Ralph D., Geoff L. and
Ken W.



Andrew Grech addressing the members.

Gold Finds

Recent finds from Victoria's Golden Triangle and Western Australia



This is another large nugget found recently (November) in the Golden Triangle. It is at a gold buyers at the moment but may end up in the melting pot.



Details are limited, however this 120 oz nugget was found late 2014 in Western Australia. Apparently, its one of two pieces found.

HAVE YOU EXPERIENCED THE COILTEK ADVANTAGE?

You can rely and trust in their range of metal detector coils and accessories, knowing that you are Optimising Discovery when prospecting and metal detecting. Look for their fully Minelab approved X-TERRA coils.



Goldstalker
14x9" BLITZ



Coin & Relic
15" X-TERRA 18.75kHz
© Fully submersible



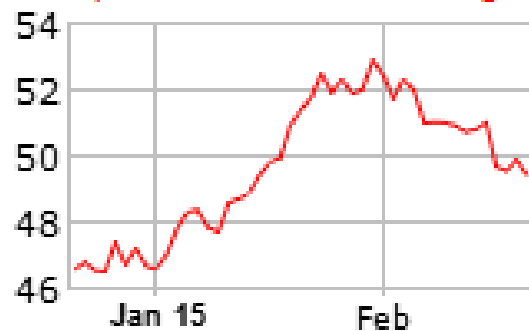
Treasureseeker
10x5" Etrac DD
© Fully submersible

COILTEK® Manufacturing
5 Mengel Court, Salisbury South, SA
T 08 8283 0222

COILTEK® OPTIMISING DISCOVERY

Gold Price Report

60 Day Gold Price in AUD/g



Gold Price as at 22 February 2015



These three photos show a huge gold nugget that has just been unearthed in the Kingower/Inglewood region. The prospector is unknown.
(Source facebook)

Quote from the finder: "2,720 grams (87 ounces). The first time I ever detected near Inglewood/Kingower. 1/2 foot in the ground I still can't believe it!"



NUGGET FINDER COILS

*When You're Ready
to Take Your
Detecting to
the Next Level*



Nugget Finder

Advantage Coils offer improved stability and sensitivity.

- Fully potted winding
- Epoxy reinforced polyurethane shaft mount
- Superior Litz wire
- Fully bonded construction
- 2 year warranty

Introducing the GPZ 7000

By **Jonathan Porter**



In 1987 I bought my first VLF metal detector, a Minelab GT 16000. In its day it was very innovative thanks to automatic ground balance; because I live in a country where the gold field soils are extremely variable, even in the quieter areas, an auto ground balance feature along with a circuit designed from the 'ground up' to work well in mineralised soils was a real boon.

Then in 1995, almost 20 years ago to the day, Minelab released its first MPS PI detector, the SD 2000, I was fortunate enough to have been there in the front row very much a part of a world-wide phenomenon as the Minelab brand rapidly rose to become the household name it is today. The gold that was discovered in Australia and elsewhere in the world was mind boggling; huge nuggets were discovered only inches below the surface because the mineralisation had been too severe for Continuous Wave (CW-VLF) detectors, demonstrating a very large proportion of the world's gold fields at the time could still be considered virgin. In the last 20 years a lot of those once virgin areas have seen the attention of every Minelab PI machine and coil configuration imaginable, so even though the **GPZ 7000** represents a quantum leap forward in technology the gold still has to be present for you to then find it.



So will the **GPZ 7000** be like the SD 2000 experience all over again? In my experience NO more than YES, but on some very memorable occasions I've been left wide-eyed and shaking! By way of explanation here are some similarities and differences across platforms between the **GPX 5000** and **GPZ 7000**.

The GPZ 7000 now sports a LCD control panel.



The Many Similarities:

- The GPZ 7000 audio sounds very much like the GPX 5000
- Target signals at a distance from the coil sound similar to GPX
- There is a Tone control
- There are Normal and Smooth type Search Modes
- There is an Auto and Manual frequency Tune control (called Noise Cancel)
- There is a Gain control (called Sensitivity)
- There is Automatic and Manual ground balance
- There is a Threshold control
- There is a Stabilizer control (3 settings available called Audio Smoothing)
- There is a Quick-Trak button (to activate fast ground balancing)

In essence, the GPZ 7000 will sound and feel extremely familiar to GPX 5000 users.

The Main Differences:

- New ZVT technology (Zero Voltage Transmission)
- New Super-D coil configuration
- Integrated battery (high capacity Li-Ion)
- Internal routing of coil cable
- LCD control panel and easy-to-use menu system
- Wi-Stream wireless audio (similar to CTX 3030)
- GPS and Map screens (like CTX 3030)
- USB connection to XChange 2 (like CTX 3030)

While the mechanical platform is based on CTX 3030, there is new advanced electronics inside!

Search Mode/Timings Comparisons:

GPZ 7000 Search Modes = Similar GPX 5000 Timings

- High Yield/Difficult = Fine gold

- General/Difficult = Enhance
- High Yield/Normal = Sens Extra
- General/Normal = Sharp/Normal

My experiences with the **GPZ 7000** have varied from reasonable to nothing short of amazing. The results have been in the form of tiny nuggets that compete with the **SDC 2300** to nice mid-sized pieces clearly missed by the **GPX 5000**, and then on to jaw dropping occasions where I've found numerous large slugs up to 15 ounces that were at great depth. Using the supplied GPZ 14 coil I'm more than happy to take on an SDC and pretty closely match it for performance on the small stuff (except for tiny surface gold, but this is more down to coil size rather than sensitivity). On quite a few occasions I've gone back over well gridded patches and found gold missed by the SDC, so the micro to gram sized 'bread and butter' gold is well and truly covered.

The GPZ 14 Super-D coil cannot really be compared to a Double-D on the **GPX 5000** in behaviour although there are similarities. Because it is a balanced coil like a Double-D it does provide some Double-D like behaviour over the ground in regards to ground response, however the ZVT technology behaves a lot differently compared to MPS with DVT, so the GPZ 14 coil should really be thought of as being similar in regards to ground signal noises as a Monoloop on a 5000 rather than a Double-D coil. There are some real benefits with the **GPZ 7000**, in that it is now highly recommended you use the Auto ground tracking feature when detecting even in the Difficult Ground Type setting. This helps smooth out ground variations immensely which are much more aggressive with the ZVT technology compared to a GPX using Fine Gold and a Monoloop in Fixed. **The Auto ground balance of the GPZ 7000 is by far the most refined ground balance I have ever used.**

In summary, the GPZ is rock solid stable with real world performance. **I've had incredible successes with this new detector with nugget finds down to 1 metre in depth happening on frequent occasions** along with other incredible discoveries which when cross checked with the **GPX 5000** and various coil and timing configurations would not even respond. **A savvy operator who learns the intricacies of the GPZ 7000 with ZVT will reap the rewards both in new and old ground.** 'Out of the box' it's a simple switch-on-and-go performer that has serious horsepower. Get to know its capabilities and suddenly you open up a whole new world of possibilities.

GPX Detector Tips

Tracking, Motion, and Sweep Speed

– Part 1

From the Minelab website and reproduced with kind permission from Minelab.

<http://www.minelab.com/aus/treasure-talk/tracking-motion-and-sweep-speed-part-1>

By **Nenad Lonic**



With the introduction of the Motion settings on the GPX series detectors, there has been a bit of confusion among some users as to what it actually does, and also how it differs from the Tracking speed selection. I'll start with explaining Tracking speeds.

Tracking

The Tracking Speed function controls the rate at which the automatic ground balance senses the ground, to make adjustments when required. The speed you select should be dictated by how variable the soil mineralisation is, but also how fast you are sweeping the coil. If you are in highly variable ground, but are working at a snail's pace, then the detector will most likely keep up with the changes in the ground using a Medium Tracking speed. However, if you are patch finding and swinging at a faster pace, you may require a Fast Tracking Speed. This may be necessary even in slightly variable soils, as with a fast sweep you are traveling faster across the ground, essentially reducing the time between ground changes. The instruction manual states: *"The preferred Tracking speed is the slowest speed which keeps up with the variability of the ground mineralisation."* To put that another way, don't use a Tracking Speed that is faster than needed, i.e. the Fixed GB is best, then Slow Tracking, Medium

and Fast Tracking as a last resort.

The coil type being used can also change the required Tracking Speed, as ground that appears quite mineralized and variable to a Mono coil, may be fairly easy to work using a DD coil. The timing being used also has an affect, so it can be a fine balance with selecting the right combination in different ground types. In practical terms, after selecting your coil, timing, and search mode, you should ground balance and start to detect in Fixed. If you find that you are re-ground balancing too often, try detecting in Slow Track. If the level (or variability) of the mineralisation is still not being balanced out, then select the next speed and try again. Starting from extreme mineralisation through to mild, here are some recommended setting combinations:

From #1 EXTREME SOIL to #6 MILD SOIL

1. DD coil, Fast tracking, Normal timing
2. Mono coil, Fixed GB, Sensitive Smooth timing
3. Mono, Fixed GB, Fine Gold or Enhance timing
(suits a variety of goldfields)
4. DD, Medium Tracking, Normal or Sensitive Extra
5. DD, Fixed GB or Slow Tracking, Sharp or Sensitive Extra timing
6. Mono coil, Fixed GB, Normal or Sensitive Extra timing

So what does Motion do?

The Motion control adjusts the duration (or width) of the internal filtering. You can think of the filter as a gate. In the detector, everything sensed by the coil is passed through the gate, including EM noise, ground and target signals. In simple terms, the Motion control adjusts how wide (or for how long) the gate is opened - the faster the Motion setting, the more the gate is opened, so more information is allowed in. So in quiet conditions, a Medium or Fast Motion speed is the preferred setting, as it

allows you to sweep a little quicker and not miss targets. However, in a lot of areas, a Fast Motion speed (wide open gate) is going to let in more atmospherics (airborne interference or E.M.I.), making the detector threshold unstable, which in turn may mask a faint signal response.

A Slow Motion setting keeps the gate open for a shorter amount of time, reducing the amount of interference that can get in. This results in a much smoother threshold, but a target's response will also be reduced, so a slow sweep speed is critical to ensure that the detector can produce an audible target signal. Slow Motion gives a good compromise between stability and target recognition, provided the coil is kept nice and parallel to the ground, and slow even sweeps are maintained. The Very Slow Motion option provides a very smooth threshold, and allows the Rx Gain to be slightly increased, so is ideal when searching for deeper targets. However, due to the gate only being opened for a very short duration, the user must employ a very slow sweep speed, so is best reserved for working small known gold producing areas or "patches".

The coil being used also has a bearing on the correct Motion setting to use. The Slow and Very Slow options will benefit greatly from the sharper target response that is generated by a Monoloop coil. Double D coils have a weaker signal compared to a Monoloop due to the physical distance of the Tx & Rx windings, so will benefit greatly from the gate being open that bit longer. If you are using a Double D coil, you should try to use Medium Motion, even if it means reducing the Rx Gain slightly. If you have to use Slow with a DD coil, due to excessive interference, then make sure you're swinging at a slow even pace. Try to avoid using Very Slow with a DD coil, as you could easily miss a small target.

Coil Sweep speeds will be discussed in Part 2.

March Outing: Wedderburn

Thursday 5th to Tuesday 10th March

EMERGENCY INFO: Call 000.

Police: Wedderburn, 2A St Arnaud Rd. 5494 3300.

Hospital: Bendigo, 62 Lucan Street (near Lake Weeroona) 5454 6000.

Fire District: Northern Country

April Outing: Fryerstown

Thursday 2nd to Tuesday 7th April

EMERGENCY INFO: Call 000

Police: 50 Lyttleton St, Castlemaine Ph. 5472 2099

Hospital: 142 Cornish St. Castlemaine Ph. 5471 1555

Fire District: North Central

THIS IS A BUSH CAMP. BYO water, power and toilet, strictly observe park and fire regulations. Dogs must be on leash and under constant supervision.

No unattended fires.

FILL IN ALL HOLES, take your rubbish home and carry a valid MINERS RIGHT at all times.

Parting Shot



Sunset at the Eaglehawk Camp. Photo by Robert Shannon.

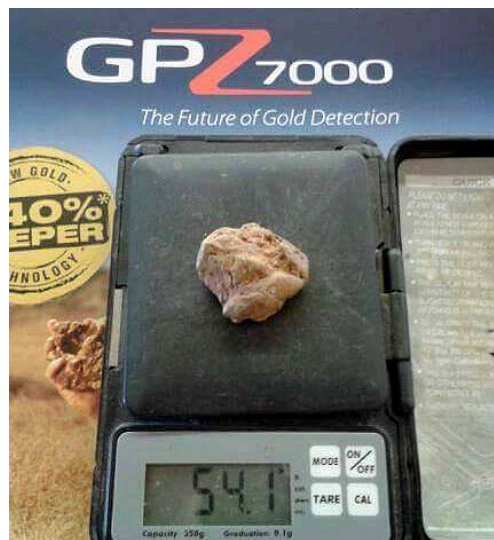
Late News

A 54 gram solid nugget was found recently using the latest GPZ 7000. Source: Coiltek Facebook page.

The comments read:

"XXX: Well dun, would you have got it with the 5000?"

Coiltek: No, John was at a spot had been over with 4500 and 5000. 15" deep red clay"





EVERYTHING FOR THE RECREATIONAL & EXPERIENCED PROSPECTOR

TALK TO US ABOUT YOUR PROSPECTING AND CAMPING NEEDS

WE NOW SUPPLY A FULL RANGE OF TRAILERS, PARTS AND ACCESSORIES TO SUIT MOST TRAILERS AND CARAVANS. INCLUDING LED LIGHTING, SOLAR SYSTEMS, AND A RANGE OF CAMPING ACCESSORIES.

OPEN 7 DAYS 8.30 - 5.00

6 DRIVE IN CRT
MARYBOROUGH
PH. 03 5460 4700

WWW.COILTEK.COM.AU COILTEK@NEX.NET.AU

21st Annual Australian Gold Panning Championships

Sunday March 29th 2015

Blackwood Cricket Ground
Blackwood - Victoria

Join a Seekers club team!

See Eric G.

For more information contact :

Victorian Goldpanning
Association Inc.

C/O Marcus Binks on
Mobile 0418 474 427

Email: marcus.binks@bigpond.com