



South Africal



As this was my last Annual Hunt and want us to go Provincial—Please support this Annual Hunt in your Province—as I will be running the

Eastern Cape



Great Photo of our 2016 Annual Hunt
farmers
and friends joined us in the field

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Contents / Inhoud



Dump Digging (



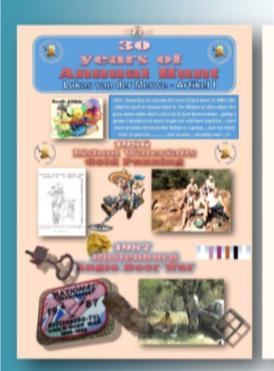
Female Metal Detectorists have attitude and they refuse to be patronized in this male dominated ...





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You Can send your Story under these Headings







BITING THE BULLET

THE ARCHAEOLOGY OF MUSKETBALLS

Rubicon Heritage on December 16, 2011 in Post Medieval Archaeology, Rubicon Heritage

The 'musketball' was for many decades one of the most neglected of archaeological finds.



A hoard of 2,701 lead bullets illegally metal detected at Ballymore, Co. Westmeath. Probably concealed by Jacobites prior to their surrender to Williamite forces here in 1691. Now on display in the National Museum of Ireland 'Soldiers & Chiefs' Exhibition

They often went virtually unanalysed, tucked away at the back of a finds report and warranting only a fleeting mention. However, the growth of battlefield and conflict archaeology has led to a wave of new research that is rapidly changing our view of these little objects. and what they can tell us about momentous events in the past.

Many

'musketballs' are not actually from muskets at all. The musket was in fact just one of a range of guns that fired a lead bullet. Different firearms used bullets of different sizes and weight, and often different types of gun were carried by different troop types. For example, in the late 17th century infantry usually carried heavy muskets, while mounted infantry called dragoons wielded carbines, which fired a slightly smaller ball. Cavalry and officers often employed the much smaller pistol as their firearm. It is often the case that analysis of bullet types can tell us about the range of different soldiers present at a particular site.



One of the most important aspects of lead bullet analysis is knowing where the ball has come from. If the exact findspot of each bullet is not carefully recorded archaeologically, a valuable piece of information is destroyed. The location of bullets on a battlefield provides us with a unique plan of how a fight progressed; it can reveal who fought where, what type of soldiers they were, and where the fighting was hardest. Often this information can completely re-write previous interpretations which were based solely on historical accounts. If the lead bullets are removed from their context without proper recording all this information is lost.



Lead shot recovered from the Battlefield of Aughrim, Co. Galway, and representing an attack on fleeing Jacobite soldiers

Above are some lead bullets we analysed for the National Roads Authority on behalf of Galway County Council. They were fired during the Battle of Aughrim, Co. Galway, in 1691, the bloodiest battle in Irish history. The size and weight of the bullets suggest that a mix of infantry and dragoons/cavalry fought here. Because we knew the exact findspot of each bullet we could see a pattern emerge, suggesting that this was evidence for a rout that we knew took place. When the Jacobite army broke, they attempted to flee to a nearby bog to escape rampaging Williamite cavalry. This small assemblage is surviving evidence of this desperate attempt to escape the slaughter.





The Siege and Battle of Kinsale, 1601. The Lord Deputy's Camp is in the centre left of the image (Pacata Hibernia, 1633)

We are also now getting better at recognising when lead bullets have been fired, and sometimes what they have hit. As well as this bullets can provide us with information about how and when they were made. The Kinsale Battlefield Project carried out a series of surveys on the site of the English camps in Kinsale, Co. Cork, where the siege and battle of Kinsale was fought in 1601 between the English and the Spanish/Gaelic Irish. The photo below is of lead shot we found at the Lord Deputy's main Siege Camp. The terrible conditions during the siege that winter made the camps a sea of mud, an environment in which soldiers succumbed to cold and disease at a frightening rate 'dying by dozens on a heap' as one contemporary chronicler related. Analysis indicated that these bullets were made on site by these men. The bullets had not been fired, and some of them showed defects in the manufacturing process, possibly a result of the weather. This suggested to us that the soldiers were making bullets themselves around their campfires, and that these bullets were dropped in the mud and never recovered. Their presence indicates that a significant archaeological siege landscape survives in this part of Kinsale.

Another site Rubicon excavated was at Castledonovan Castle, in West Cork. This work was carried out on behalf of the Department of the Environment, Heritage & Local Government. In 1650 this castle was attacked by Parliamentarian troops. The historical details of the assault are sketchy, but an assemblage of 28 lead shot from a destruction layer excavated within the castle provides us with some clues as to events. It



is clear that a small number of the bullets were fired, indicating that there may have been some minor skirmishing. Many of the unfired bullets were from the same type of gun, in this case a musket. It is probable that some of the bullets were made in the same mould. The location of these bullets in a burnt layer together with the sparse evidence for fired shot suggests the castle capitulated quickly before it's destruction. The defenders ammunition was left in place after the garrison had either fled or surrendered.



Lead shot from the 1601 English Lord Deputy's Siege Camp at Kinsale, Co. Cork. The bullets have not formed properly in the mould, possibly a result of adverse weather

Sites such as these illustrate the value of lead bullet analysis. These little objects reveal information about moments in time that were extremely violent and traumatic for those involved. They were often deposited over just a few minutes or hours, in many cases as part of a famous historic event that we remain aware of today. There remains something distinctly personal about these objects. Each was designed to kill or maim, and many that we recover did just that. Many were last held by an individual who was in all probability experiencing extreme stress as they participated in deadly conflict. These bullets are objects that deserve our respect; their analysis can unlock details of our



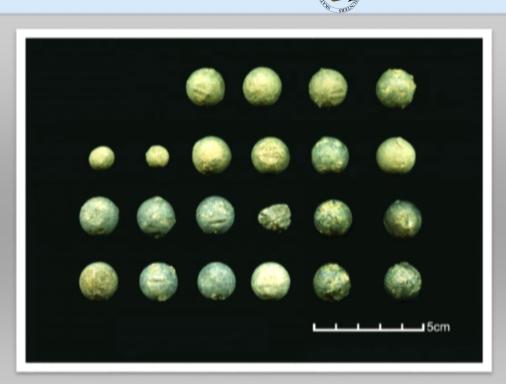


Castledonovan Castle, Co. Cork, attacked by Parliamentarian forces in 1650

violent past that bring us closer to understanding the experience of our ancestors, and allows us to reveal events which were often the defining moment of their lives.

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Lead shot assemblage from the 1650 attack on Castledonovan Castle, Co. Cork



Dump Digging



DUMPDICCIERS



How To Find Old Dump

When ordinary people wrap their minds around the possibility of digging up antique glass bottles and pottery in forgotten heritage sites outdoors, their first question is usually, *Is it legal?* and that's soon followed by, *How do you find the best places to dig*

These two prime questions are uniquely connected; amateur archaeology on private property is legal enough, and finding the best places to dig on privately owned land (and with the permission of the owner) is the highest art of the Dump diggers' subculture. For only by conducting extensive research and on-site observations, which includes probing and digging countless test pits, can a veteran digger harness his intuition (born from years of experience) and embrace the possibility of finding buried booty

As per the Dump diggers' Handbook, there are six different types of dump:

- 1. Town Dump most towns have more than one dump site.
- 2. Privy Pit the old latrine is considered a dump of sorts.
- 3. Farm Dump farmers dump here to halt soil erosion.
- 4. Swamp Road when nobody's looking, people dump here.
- 5. Railway Dump trains stop here to sweep cabin cars of debris
- 6. Camp Dump Hunting, mining and forestry camp dumps

Town Dumps are generally the best and most rewarding places to dig, and that's because they contain the highest quantity of household trash.



How old can such a dump get? That's a good question. It depends on the town, but on average in Upper Canada, and I think this is also true of many American states, the oldest town dumps date back to the 1870's.

That's the age when the first 'chartered towns' recognized the need for, and legislated local property as, the Town Dump. Do you remember watching the scene in episode #8 of the first season of the HBO's classic *Deadwood*, wherein Sam Bullock approves the location of the dump on one of the empty lots in the camp? The land is selected and appropriated because there's rubbish already accumulating in what sounds like a river gulch. Recorded minutes from century old meetings in the Town Hall will sometimes chronicle counselors voting to make a salary available for a 'Dump Attendant' and or perhaps detail funds for the purchase of a special 'dumping wagon'.

The Dump Attendant was paid to watch the property on burning days and organize a weekly trash collection. Research this individual's family and you may find pictures of their ancestor in the town dump in front of navigable landmarks that you can use to find the same



location today.

The above picture details trash collection in the City of Toronto in 1903. It's interesting to note here how two wagons work in tandem - this is a precursor to our modern recycling program. The wagon behind the sled is filled with furnace ash which has a variety of municipal applications, not the least of which is road paving material.

The sled in the foreground is loaded with sacks full of glass bottles, clay pottery and tin packaging - household waste. Notice how the garbage man wears a backpack, and I wonder what he puts inside his backpack everyday? I suspect that this individual removed local

brewed beer and pop bottles that he knew were refundable - sadly, and perhaps consequently, these are the bottles that are the most collectible today.

The Health Inspector, often called the 'medical officer', or the 'town doctor' also made reports on early dumps. His primary concern was ground water contamination. There are circumstances in which he would report an infestation of rats or wild dogs at dumps. Often times he ordered the bulldozing and burning of dumps as a solution to exterminate such vermin.

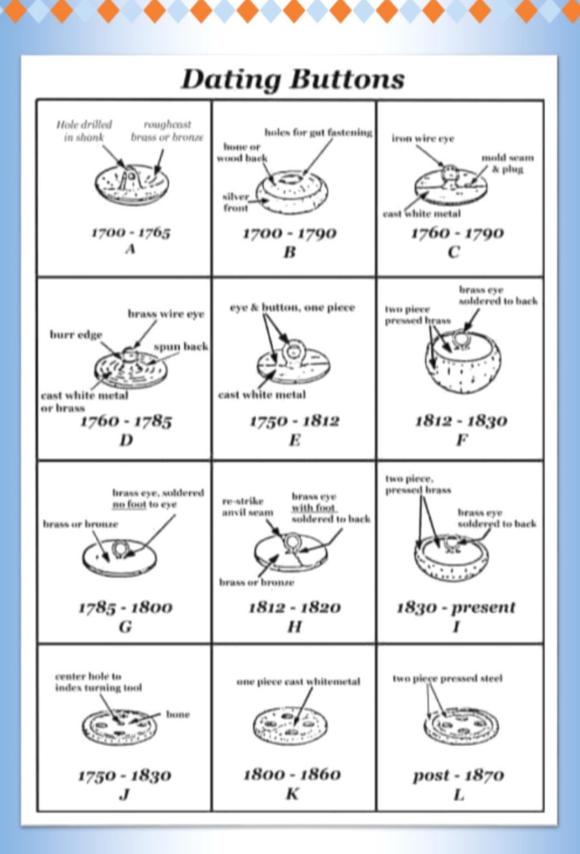
Unfortunately for Dump diggers, even the oldest and most secluded town dumps were likely subject to burning and bulldozing at some point in their existence. It was considered civilized to burn dumps and thereby reduce 'the spread of germs'. Municipalities used heavy machinery to compact dump sites in the early 1920's and 30's. Before this horse drawn 'dump scrappers' were used to flatten the piles. The horse's weight and the weight of the operator helped compact the garbage to allow the next day's wagons a hard surface on which to dump their contents.

Early Dumping Wagons are themselves now very collectible because of their scarcity. One hundred years ago the Watson Bottom Dump Wagon was the finest dump wagon in America; today less than ten examples remain, and most of these are in pieces.



In 1886 David Watson moved his wagon manufacturing company to Canastota, New York where he bought what was then known as the "mop handle factory" on the west side of the town. The Watson 'dumping wagon' was the first and best of its kind - his vessel dominated the market in residential garbage pick-up and disposal. As testament to its versatility and reputation, it was the wagon of choice in the First World War when 15,000 units were shipped to France to help Allied Command support the men in the trenches.

And finally, here's a Dump diggers' secret; every town's first municipal dump was usually located less than a mile away from the historic main intersection, and almost always on inclined or boggy terrain, and never windward (which means North West here in Ontario).





Female Metal Detectorists have attitude and they refuse to be patronized in this male dominated ...

Tanya Vosloo



Like most of you I probably started metal detecting because I wanted to find valuable treasure. I mostly did beach hunting, looking for rings and money, but after I went for my first inland relic hunt I soon discovered that unearthing history was the greatest treasure I could find (I still secretly hope every mid tone hit is a gold coin. Maybe one day...). I was dumb struck when I found my first "doppie" and I wondered who shot it. Did the bullet hit someone or what happened here?

The most wonderful feeling is researching your finds after you have cleaned them. I keep a treasure journal of all my finds as I never want to forget where I found something.

I always seem to find myself in male dominated situations. I am an attorney, I love watching cricket and my other hobby is woodwork, so being in another male dominated hobby fits me just fine. The guys I have

gone hunting with have been very accommodating and

helpful and have been more than willing to share their knowledge. I think we all should be open to more group hunts, it really is far more interesting.

My last hunt was with my dad while I was 7 months pregnant. My dad is now also totally hooked and has found amazing things. This hobby has brought me and my dad closer and we are looking forward to our next hunt together! I believe you have to do what you love. Life is too short to fit into a mould. I love metal detecting and I cannot wait to introduce my daughter to the hobby.





WOMAN & METAL DETECTING - BY LANA PIENAAR

I often wonder what people's thoughts are when they hear a LADY is crazy about metal detecting and joining a

group of men for a group hunt. Do they think we are crazier than they are or thinking she will never be able to dig a hole, or seriously doesn't she have a tea party to attend or like shopping at the mall? Sometime so easy to judge a person without knowing them or so easy to think that you are better than the next person and what does she know after all!! Well I don't know much but I know you should live and let live! Well let me tell you I don't like a mall and I don't like tea parties, I like the open fields, and the historical side of this hobby, and yes I am still a Lady who does like to dress up!



Well let me tell you my story why I joined metal detecting:

I never had a dream as a little girl to ever go treasure hunting when I am big finding treasures like so

many of you do, I never even knew in all honesty that some people did this as a hobby for so many years already! My dream job then, I was about 7 years old was to work in the Café at the corner – because then I can eat as many WILSON toffees as I would like!!

Nevertheless I do not want to bore you with all the little details of my life but the short of it all is I became a teacher, got a passion for children and 24 years later I am still in-

volved with educating young children ECD. For the last 12 years I have managed a large pre-school of between 400-500 children as the Principal, also managing my own Cazabella team where in 2 years time a total R2 000 000.00 were banked by the team I built up and managel I am a wife, a mother of twins



(22 years) and our precious little
Isabelle who is turning 7 this year and started GR. 1 this year.

Metal detecting became my passion and my hobby - but my interest is RELICS, concentration camps where the boer woman and children lost their lives in thou-



sands - once again back to my passion for children. How the kids must have suffered during these times, starving, cold and living in filthy circumstances, neglected, abused and maltreated. I am sure if I lived in those times I would have been a guardian angel for each and every child in these horrific camps! The British were merciless and with only the woman to protect their children as all the men were engaged in battles it must have been one of the saddest times of our history. I would have taught all the children in camps about love and being good to others. My husband David Pienaar played a big role for me to start this hobby as it became his interest and hobby even before I ever thought about something like METAL DETECTING!



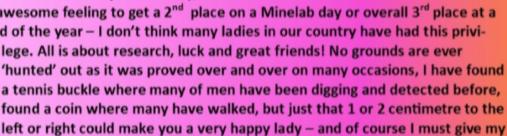
Once he started I couldn't stop taking his detector ad so he bought me my own Minelab X-Terra 705! And we are enjoying every minute of it together!

When I am in the field detecting I forget about all the above and forget about all the stressful demands I have on a daily basis, I don't have to worry about being presentable and have to compete, I don't have to do things other people expect me to do. I can be myself by myself - even if 10 other people is close by also detecting, I become my own individual human being with my thoughts and my thoughts only!

As the first woman joining the Annual hunt in 2015 it was quite a experience and a privilege doing this with my husband — feeling a bit like an outsider when meeting all the men and a bit intimidated by all the males around, I kept my distance and tried not to invade their male domain to much! However I stood my ground and had a wonderful week, working hard and found some great relics! And so I did it again in 2016 – however with another lady Tania, and was great to have another female companion during the week!

But what a great feeling to find something rare and scarce, I have found a few 'treasures' during the two and a half years of detecting (and left a few men with red faces), not with any profits or money making in it. Purely for the interest of the hobby and the appreciation of a very rich history, for no other

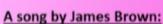
reason at all, but wow what an awesome feeling to get a 2nd place on a Minelab day or overall 3rd place at a Annual hunt!!! Winning Relic find of the year - I don't think many ladies in our country have had this privi-



Metal detecting is like gambling - once you start to roll that dice you never stop hoping for the best and as in gambling each hole you dig is like the throw of a dice you never know what to expect and you keep on going!!

MINELAB X-TERRA 705 most of the credit as not once did it fail me!!!

Do not ever take any woman for granted, appreciate them, respect them and never think that a woman is a weaker human being - we will achieve what we dream!



This is a man's world, this is a man's world But it wouldn't be nothing, nothing without a woman or a girl You see, man made the cars to take us over the road Man made the train to carry the heavy load

Man made electric light to take us out of the dark Man made the boat for the water, like Noah made the ark This is a man's, man's, man's world But it wouldn't be nothing, nothing without a woman or a girl Man thinks about our little bitty baby girls and our baby boys Man made them happy, 'cause man made them toys And after man make everything, everything he can You know that man makes money, to buy from other man This is a man's world But it wouldn't be nothing, nothing, not one little thing, without a woman or a girl He's lost in the wilderness He's lost in bitterness, he's lost lost



This is how I experience this hobby — it is a man's world, but nothing without a woman or a girl! I just love the hobby and I love each and every find, from a horse shoe to a precious coin! Some worthless but we are so rich in finding each little piece of history! And I will stand my ground as I will not stand back









The best find of all is true friends!!!

Thank you to all who support the ladies in this hobby as we are few but we do have a lot of heart. God Bless and all the best wishes that each and everyone reading this will find their bucket list treasures.



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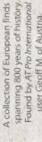


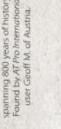


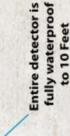


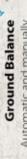
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ability to separate good

targets from trash.

High Res Iron Discrimination**

Fast Recovery Speed

out good targets amongst

be submerged to a maximum designed for dusty, humid, or

wet environments; unit can

Tone Roll feature allows use

Proportional Audio and

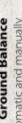
Pro Mode Audio

udge its conductivity, size, target's response to better to hear subtle changes in

shape and depth.

All Terrain Versatility

Automatic and manually adjustable for improved performance; includes saltwater.





identifies target's conductivity

Depth Indicator to determine

tion Indicator shows battery arget depth. Battery Condi-

life. Graphic Target Analyzer

alter the detector's mid-tone

discriminated iron and to

Allows the user to hear

Digital Target ID 0 to 99 Target ID scale offers increased ability to distinguish one target's conductivity from another.





Six Search Modes

advanced Pro Mode. Also







After Detecting on my own for more than 6 years in 1985 I decided to start an Annual Hunt in the Winter or after when the grass were eaten short and a lot of land burned down, giving a group a weekend or more to get out and Hunt together, cover more ground and enjoy the Hobby as a group.....but not more than 15 persons.....and no girls ...sleeping over...!!!



1986 Lisbon Waterfalls Gold Panning



















1988 Slag van Vaalkrantz Natal









1989 Slag van Vaalkrantz Natal



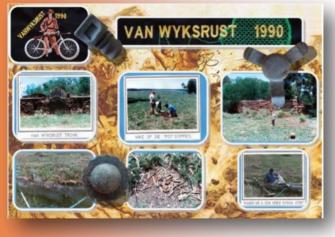






1990 Van Wyksrust Ou Tronk









1991 Slag van Frederikstad Potcheistroom









1992 Kocksoord Ou Tronk Randiontein









Lisbon Watervalle Goud Deli











1994 Munsieville Krugersdord



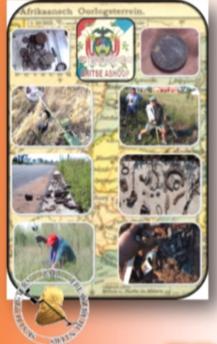






1995 British Hospital Ash Heap **Potcheistroom**

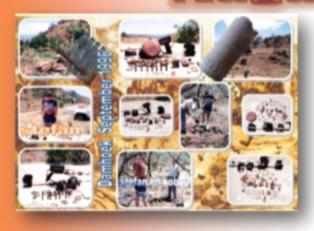


















Slag van Jouberts Kop Standerton



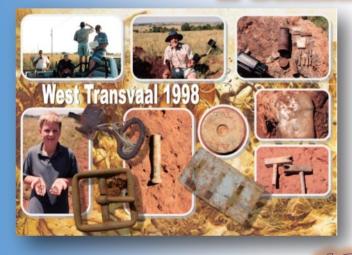






1998 Slag van Frederikstad Potcheistroom









1999 Slag van Doringkraal Bothaville









2000 Chromer England









2001 Colesberg Noord Kaan











































2005 Colesberg Noord Kaan









2006 Natal Battlefields











2007 Natal Battlefields















Quick question: Tanya Vosloo

When i hunt on the beach between the tide line and the ocean (wet area) I get multiple hits to the point where the machine just goes crazy. It doesn't help reducing the sensitivity. I have an ACE 150. Any ideas as to why this happens? I have a sand density theory but would love some input..

<u>Henry Clapton</u> It's the salt in the sand that's causing the machine to react like that. The machine is not designed to hunt wet sand. The mineralization will always give you false signals as the electronics cannot cancel this interference. A machine that has good auto or manual ground balance will sort this out

<u>Van Der Spuy Chris</u> That's correct, when you buy your next machine, ask them if it will be suitable for use in salty areas. Many machines are not suitable for that and it does restrict you a lot.

<u>Johan Swart</u> I have n ace 250. Got the same problem. My friend that hunts with me has the at pro. No problems. But its R7000 price difference. But he finds more gold than me. Lol

<u>Jaco Blom</u> How would the Delta 4000 do on some wet sand? Always used it for relic hunting but would like to try it on the beech next week

Danie En Jacobe Fourie For no hassles at the beach and not breaking the bank use a pulse induction machine

Mark Von Sorgs Hi Tanya - as said above there are two types of metal detection coils; those that use continuous wave propagation and those that use pulse induction. Pulse induction can be used in salt water but the ace 150 uses continuous wave which is affected by salt water in the sand as it is filled with electrolytes.. (Should be fine in fresh water). Unfortunately there is no setting to prevent this on the Ace. You will just have to stick to dry sand and have fun

Tanya Vosloo Thx legends!





08



Natal





























Freestate Hunt 2014

























Annual Hunt 2016 Heilbron Freestate 2-8 September 2016

Friday 2 September 2015



The Crew getting together at the Weltevrede Game farm on the road between Sasolburg and Heilbron

Eugene en Wade geniet die aand ete....genoeg vir die krag van more





To make sure you are not under weight to do the Annual Hunt....not for the feign

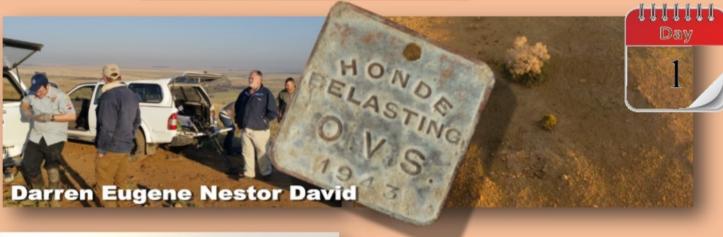
hearted - Darren made it !!





Saturday 3 September 2016 First Session









After Breakfast at 06h00 we went out to a farm not far from Heilbron....our first stop. There was a battle between Boer and Brit and a lot of fortifications could

be seen from the Drone's view.

A lot of empty shells were found and some nice relics., Also a 1943 dog licence











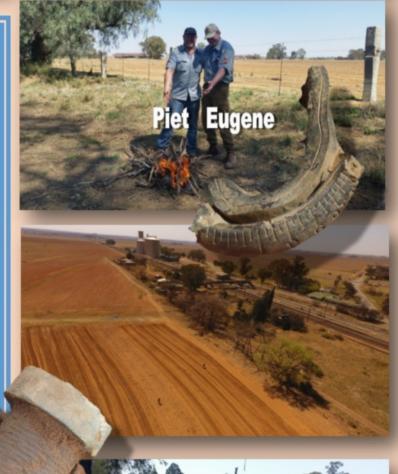
Saturday 3 September 2016 Second Session







The booty which now fell into De Wet's hands was the largest captured by the Boers throughout the war. The sight of it astonished the General and his burghers; bales of clothing and cases of ammunition and other supplies piled up in enormous quantities in the barricades, the railway trucks and elsewhere on the station. There were thousands of cases of small-arms and artillery-ammunition of various calibres, including the huge lyddite shells for Lord Roberts's two 9-inch siege guns. There were thousands of winter uniforms (or suits of warm clothes, as De Wet described them), great-coats, warm underwear, socks, boots, gloves and blankets - enough to fit out lavishly all the Free State commandos. The cases of food contained, among other things, tinned meat, canned fruit, coffee and sugar. It was a source of heartfelt regret to De Wet that only a relatively small number of burghers could share in this enormous loot, for to carry away everything was out of the question. With strong British forces in the vicinity, by far the greater part of his capture would have to be destroyed as soon as possible.





Lana Tanya

To be continued in next issue..!

