

We have Maintained a Silence Closely Resembling Stupidity

The Wanganui Computer, or The National Law Enforcement System, came online in 1976. Resident in the multi-storeyed Wairere House on the bank of the Whanganui River, it employed up to 150 staff at the height of its operations. A computer big enough for its own building was, in those days, awesome and unfathomable – and entirely expected. Awesome and unfathomable, because of its Big Brother implications, its sci-fi feel. Entirely expected, because in those days computers were often large, represented by photographs of large grey boxes the size of a room, big discs spinning, light panels flashing. The ubiquitous home computer with gigabytes to spare was the realm of a relatively distant future.

I was six years old when the Computer came into use. Ann Shelton would have been nine. Even as children, I think it's fair to say that The Wanganui Computer loomed large in our collective imaginations. Indeed, growing up in Auckland, I think the Computer was all I really knew about Whanganui in those childhood years, which only enhanced its mystique.

The fact that The Wanganui Computer housed criminal records allowed it a place in our young imaginations. Never mind that it also held details of drivers' licences, or the fact that criminal records would of course have been kept prior to its advent. There was just something about the mysterious 'computer-ness' of those records that instilled a frisson of fear and excitement in young minds. The notion that, once your

details were stored there, it was game over. In our own juvenile way, we tapped into this in the schoolyard, equating disobedience with data entry. The logic went that if you did something bad, it wasn't out of the question that you'd end up on the System. And what then?

In 1982, by the time I was twelve, The Wanganui Computer was associated with older siblings' driving misdemeanours as much as murderous crime, of which we also knew little about. Your brother could be caught speeding down Queen Street and his name would be held in the same place as a full-on criminal, or so we imagined. Data from the Police and Justice Departments was joined by that held in the Ministry of Transport, a bureaucratic nirvana for the government at the time. This ability to align relative banality with serious criminality (and therefore a strange kind of associational fear) is the particular privilege of such a wide-reaching law-based data repository.

All of this was overshadowed on November 18 that year. For young anarchist Neil Roberts, The Wanganui Computer must have inspired different, more sinister feelings. It seems to me that you need to possess a particular kind of rare, clear-eyed rage in order to walk to a building with a gelignite bomb in a carry bag, with the intention of blowing it up. Which is what he did at 12.33am that day, costing him his own life. News reports at the time stated that when his friends dropped him off at the Stratford bus station where he caught a bus to Whanganui he said 'I'm going to Wanganui to do something frightful. If I should blow up the Wanganui computer, the cops will be around.'¹ Roberts' act followed a wave of protests by libertarians concerned at the threat to privacy the System signified for New Zealand's citizens, but its tragic extremism sets it apart.

WE HAVE MAINTAINED A SILENCE CLOSELY RESEMBLING STUPIDITY Roberts graffitied this sentence on a toilet wall in Moutoa Gardens near Wairere House where the computer was situated, prior to the last act of his life. He followed this with the anarchy sign, that circle with the letter A slashed across it that was on every young punk's patch at the time, and the words 'Anarchy Peace Thinking'. In the late 1970s and early 80s, punks were familiar; they came to school with black painted fingernails, mohawks and an attitude. Anarchy signs adorned many toilet walls, a diluted form of dissonance that became pretty meaningless in its proliferation, but also somehow inevitable under the long years of interventionist economics of the Muldoon government. But Roberts didn't just write the graffiti, or wear the clothes. He committed a truly nihilistic act. Further, Roberts' articulation

¹ 'Bomb Conspiracy Idea Rejected', *New Zealand Herald*, November 19, 1992, p1.

His paybook showed... the Slight
was 5ft 5in tall, with a fresh complexion.

Following the Canary Islands route.

The dispatch of the vessel

found themselves the target of hostile

hold. Later trade publications lis-

ght family reunion in Wanganui

Psssst! Anyone want a Kremlin? Security not a problem

By ADA HILL

WANGANUI'S purpose-built high security building will have no secrets to hide after the weekend - but it also may not have a future.

Wairere House on Taupo Quay, which was built to house a centralised law enforcement database system, is no longer home for what used to be the Wanganui Computer Centre.

The staff who are still working in Wanganui move to offices in the Inland Revenue building on the corner of Ingestre and St Hill streets this weekend.

Wairere House, commonly known as the Kremlin or Big Brother, was built in 1973/74 and the first computer was installed in 1975.

Its arrival was marked by widespread speculation that this would mean the end of personal privacy, that Big Brother would be watching our every move and there were fears of security breaches.

All were groundless. Over the years there was the occasional prosecution for a security breach but usually it was someone in the police checking out something for a friend. Internal security was such that major breaches were impossible.

As for Big Brother, this became something of a joke as the citizens realised it was not the end of life as they knew it.

The "Kremlin" became operational under the Wanganui Computer Centre Act in September 1976 and live operations began on December 1 the same year.

The computer centre soon became part of the landscape but shot back into the headlines in the early hours of November 18, 1982, when a massive blast shook the inner city.

Neil Roberts, punk anarchist, destroyed himself when, at the door of the centre, a bomb strapped to his body exploded.

Damage to the centre was minor but in the wake of the blast security at Wairere House was stepped up dramatically.

In 1990 an additional storey was added to the building which enabled 25 staff who had been housed in other premises to move in.

The \$1.75 million addition included a cafeteria and a lift to provide access throughout the building for disabled people.

In April 1994 it was announced the centre, then known as GCS Ltd, was for sale and in November that year EDS was declared the successful bidder.

In July 1995 it was decided to move the mainframe processing functions to another EDS site in Mt Wellington, Auckland.

Although the computers are now based in

Auckland, the role they play remain virtually the same as when they were in Wanganui.

The information that is stored with the system is fed into the computer by EDS' three clients - the Police and Justice departments and the Land Transport Safety Authority.

The system does not have sufficient mass storage to retain all information fed into it nor is it necessary.

Purge dates for the information are established by the specific sub-system which the information is entered into after ensuring it is up-to-date and relevant.

To gain access to the information a person must be authorised and belong to one of the three clients groups and it must be in relation to the work they are employed to do within that client department.

Members of the public can apply for information on their personal records but the must do so through the Privacy Commission at Police National Headquarters in Wellington.

During its heyday the computer centre employed about 120 staff.

WHEN THE centre first began operating in 1976 between 90 to 190 staff were employed.

The staff operated under three divisions - the development staff which still operate in Wanganui, the systems programming group of which most are Wellington and the operations, communications and network support staff which have moved to Auckland.

The development team, which now has 37 staff, peaked at 50 between 1987 and 1990. The operations, communication and network support staff peaked at 35 to 37 between 1984 to 1987 and the systems programming group at 15 in 1980.

EDS's lease on Wairere House does not expire until March when the building will then go back to the State Services Commission.

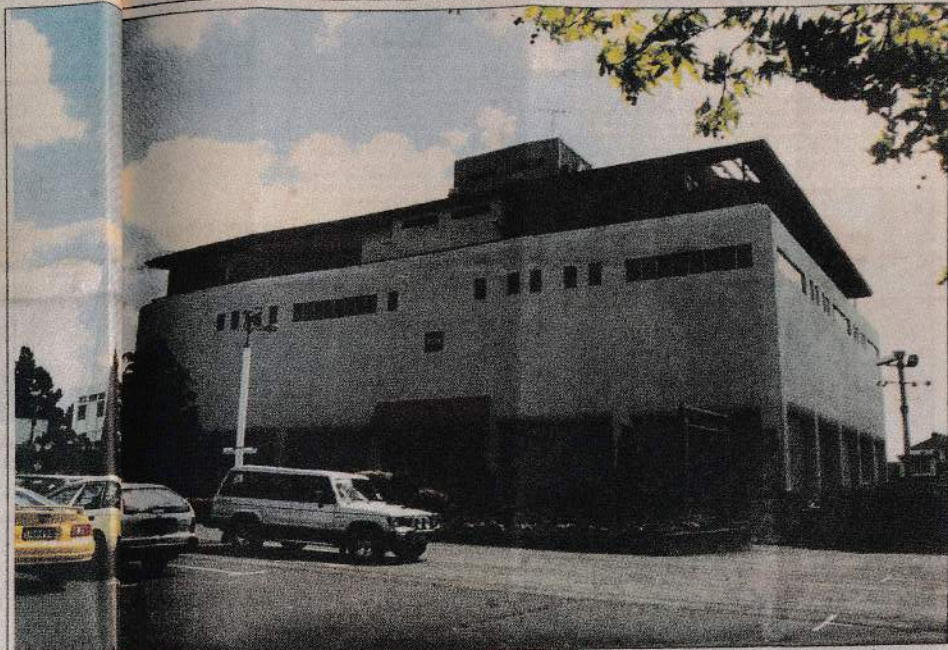
There will be no let-up in security as some equipment will remain in the building. It is not known when this will be moved but it is expected to be by March.

Speculation surrounds the future of the building. There were rumours - quickly rejected - that the museum was interested and other ideas floated have been as an hotel or a casino.

A State Services Commission spokesperson said the Crown was assessing the building's future and it still had a number of issues to work through.

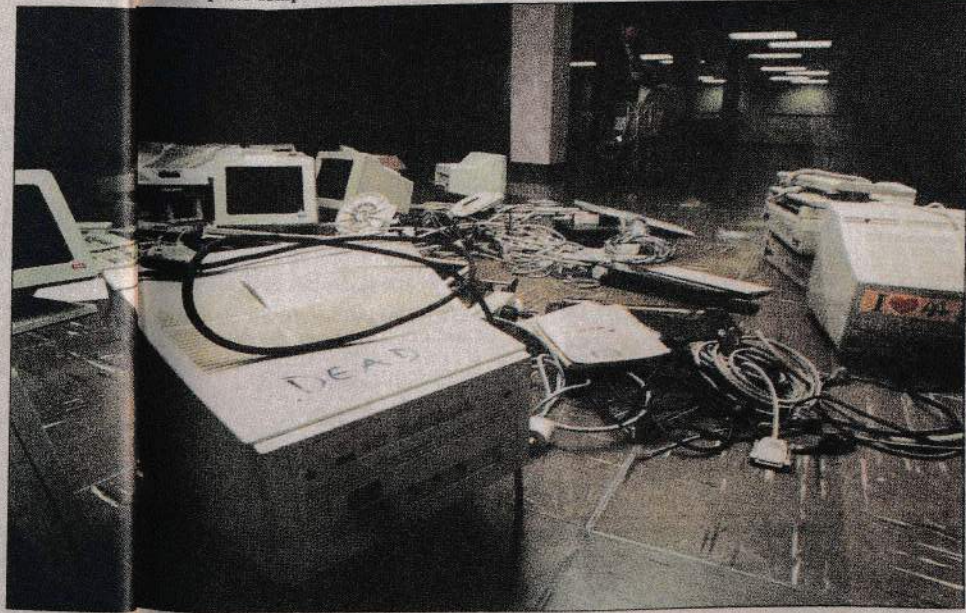
She said it was too early to say if it would go on the market.

The top floor of the building must have some of the best views of the city. On a clear day there is a grand view of Mt Ruapehu and sweeping views of the Whangamata River.



ABOVE: "Brother" may have gone from Wanganui but its home, which has a question mark over its future, still remains.

BELOW: Outdated computer components are all that remain in one of the rooms of the former computer centre.

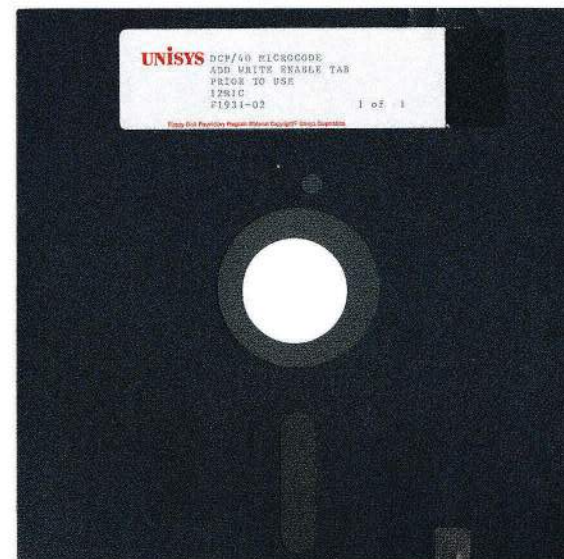


monolith, as easily identifiable and symbolic as the Beehive. Over three decades later, we live in the era of 'big data', where the velocity, volume and variety of this data has grown so large and unwieldy that storage systems are challenged and data processing made difficult.⁵ In this swirling, ever-increasing, constantly-connected data universe of phone calls, photo uploads, emails, Facebook interactions, Google maps direction requests and auto-fill online forms, it is possible to imagine that governments are watching our every-connected move in more penetrating ways. The very recent case of US intelligence whistle-blower Edward Snowden has shown us that this possibility has become reality, as governments access the servers of large Internet companies such as Google and Facebook in order to monitor global activity by foreign users, on the pretext of maintaining national security.

As Snowden has proved, this may be usurped from within. This 29-year-old technical contractor to the National Security Agency in the USA revealed the depth and breadth of his government's Internet surveillance operations in order to throw light on its breathtaking scale and invasiveness. Snowden has said that 'I understand that I will be made to suffer for my actions,' but 'I will be satisfied if the federation of secret law, unequal pardon and irresistible executive powers that rule the world that I love are revealed even for an instant.' He was happy to sacrifice his very comfortable life 'because I can't in good conscience allow the US government to destroy privacy, Internet freedom and basic liberties for people around the world with this massive surveillance machine they're secretly building.'⁶

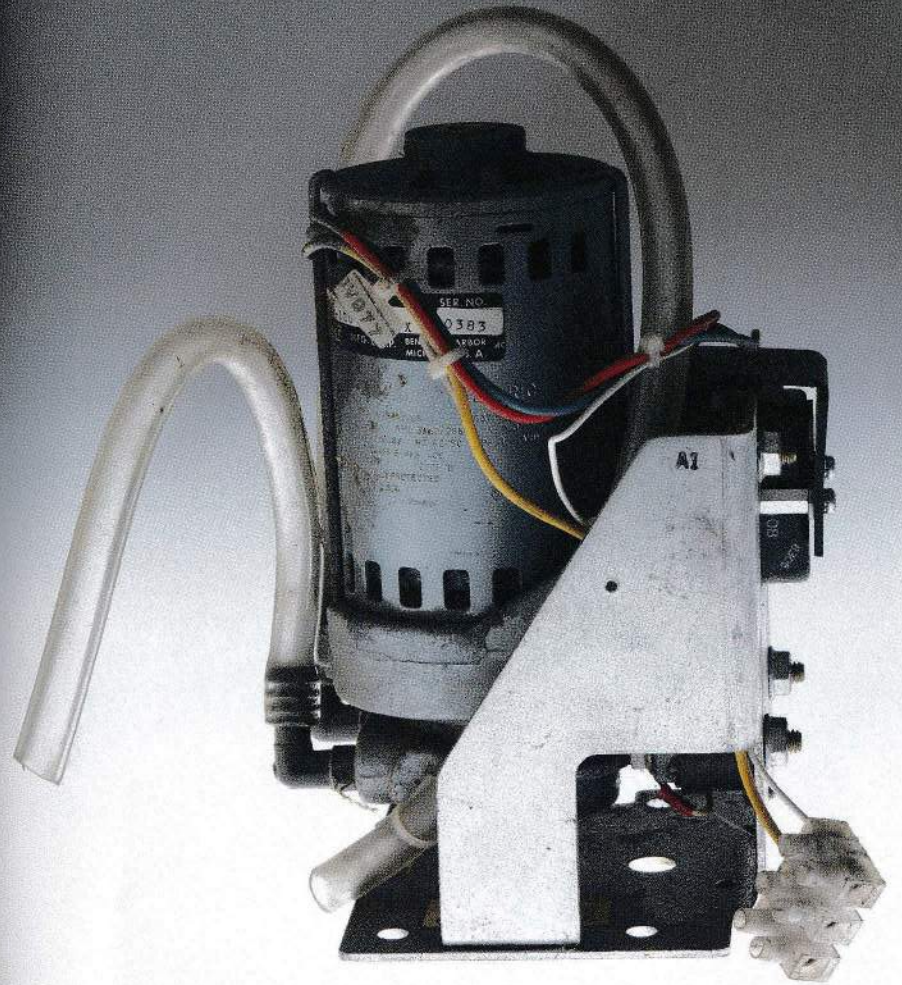
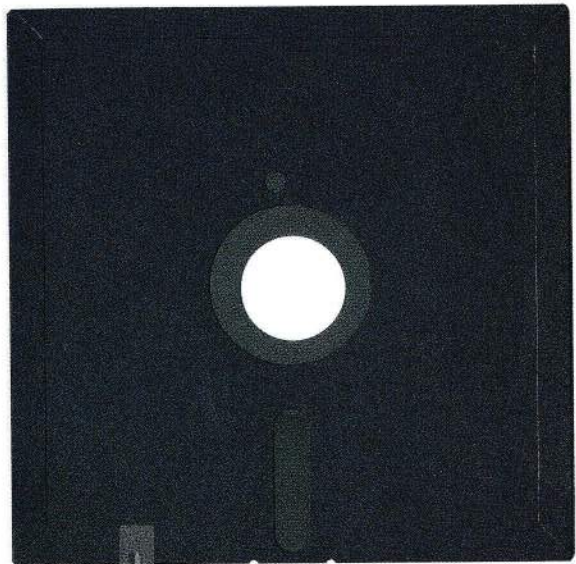
As I write, Edward Snowden is *en route* by air to an unnamed country via Hong Kong and Moscow with the assistance of Wikileaks and foreign diplomats. And Wairere House is home to a more benevolent archive, the Wanganui Service Centre of the National Library.

In the 1970s and 80s, who knew what The Wanganui Computer actually looked like? What seemed important was its expansiveness, its potential hold upon our lives, its vague, distant, unquantifiable threat. It was also compelling, as it is now – nearly a decade after the computer's 2005 decommissioning after its move to Auckland in the 1990s – to ponder its shape, its form, its data. In the 1970s and 80s, data was a green glow on a black screen. A trail of numbers and letters scrolling up, endlessly... This was data in the public realm, the data of bureaucracy, the output of networks and off-site terminals. (The apparent beauty of The Wanganui Computer for the government



5 Mario Bojilov, 'Big Data Defined', <http://www.isaca.org/Knowledge-Center/Blog/Lists/Posts/Post.aspx?ID=299>. Accessed June 18 2013.

6 Edward Snowden, quoted in Glenn Greenwald, 'Edward Snowden: the whistleblower behind the NSA surveillance revelations', <http://www.guardian.co.uk/world/2013/jun/09/edward-snowden-nsa-whistleblower-surveillance>. Accessed 23 June 2013.





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Previous:

Ann Shelton *Big Brother*, computer disc from the decommissioned Wanganui Computer. Disc 204 mm x 204 mm, (front). Pigment print, 945 x 1350 mm, 2013.

Ann Shelton *Big Brother*, computer disc from the decommissioned Wanganui Computer. Disc 204 mm x 204 mm, (reverse). Pigment print, 945 x 1350 mm, 2013.

Ann Shelton *Blue Boy*, computer part from the Wanganui Computer. Pigment print, 230 x 300 mm, 2013.

Ann Shelton *Heavy Metal #1, Platinum*, recovered scrap metal from the remains of the decommissioned Wanganui Computer. Pigment print, 604 x 755 mm, 2013.

Ann Shelton *Heavy Metal #2, Palladium*, recovered scrap metal from the remains of the decommissioned Wanganui Computer. Pigment print, 604 x 755 mm, 2013.

Ann Shelton *Heavy Metal #3, Palladium*, recovered scrap metal from the remains of the decommissioned Wanganui Computer. Pigment print, 604 x 755 mm, 2013.

Ann Shelton *Heavy Metal #4, Palladium*, recovered scrap metal from the remains of the decommissioned Wanganui Computer. Pigment print, 604 x 755 mm, 2013.

Ann Shelton *Anniversary*, "We have maintained a silence closely resembling stupidity" Neil Roberts 1982, eight pigment prints, 755 x 604 mm each, 2013.

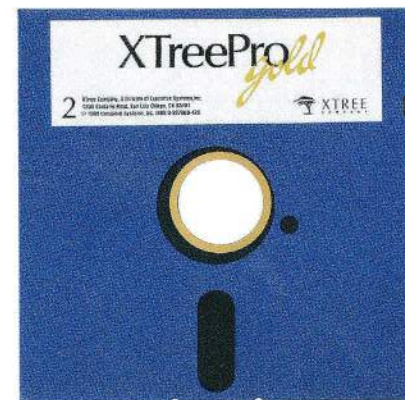
Ann Shelton *Punch Cards*, computer coding cards from the decommissioned Wanganui Computer. Pigment print, 1135 x 1170 mm, 2013.

Right:

Ann Shelton *Little Brother*, computer disc from the decommissioned Wanganui Computer. Disc 133 mm x 133 mm, (front). Pigment print, 945 x 1350 mm, 2013.

Next:

Ann Shelton *Little Brother*, computer disc from the decommissioned Wanganui Computer. Disc 133 mm x 133 mm, (reverse). Pigment print, 945 x 1350 mm, 2013.





was its connection to a nationwide network, its feeding out of data to police stations and government terminals around the country.)

In her investigations into this large government holding-bay of information, Shelton hints at what data might have looked like inside Wairere House. She presents us with photographic images that we might call Wanganui Computer relics. We see floppy discs, coding cards, little piles of platinum and palladium metal and a strange-looking object that might be a vacuum or pump. Given the expansiveness of The Wanganui Computer in our imaginations – the potentially endless breadth and depth of the data it could gather and maintain and the national scope of the network across which this data might be kept and made accessible – the containment of the Computer into these small objects remains quite discombobulating and, at first glance, something of a tease. Benign curiosities.

The computer discs from the decommissioned computer float in wide-open white space. Shelton adorns them with light-hearted titles – *Big Brother* and *Little Brother* – that deactivate any real sense of Orwellian conspiracy theory. Shelton records the discs as if cataloguing an object in a museum. We see the front and the back of the discs, which are floppy discs familiar to anyone who used a computer in the late 1980s and early 1990s. They are black and blue, with labels that don't tell us much at all. They are scanned at one to one scale.

Shelton also leaves the discs to float in a large, open, white field, giving them a sense of aura and gravitas that operates in opposition to her playful titles. We know that inside these small objects is a field of data many times larger than the object itself. Given the redundant nature of the technology and its further entrapment as photographic image, such revelations remain inaccessible. And what might be revealed should we access this data now? A stream of bureaucracy writ large – a time capsule of unfamiliar names, dates and mostly petty deeds? Like a Wikileaks data-dump, it would take many investigative eyes to sift through the data-dirt encased in these discs for hidden, shiny pearls.

The blue glow and strange beauty of *Punch Cards*, computer coding cards from the decommissioned Wanganui Computer remind me of American photographer Taryn Simon's *Nuclear Waste Encapsulation and Storage Facility, Cherenkov Radiation, Hanford Site, U.S. Department of Energy, Southeastern Washington, 2005/2007*. In Simon's photograph, a highly radioactive material held in capsules in water becomes a floating array of black circles defined by a pale-blue glow, settled in a geometric

grid. The formal beauty of this image along with its highly toxic subject matter gives it a compelling intrigue, an effect similar to that of Shelton's coding cards. Set in a grid, the rows of numbers 0-9 typed onto the cards become a linear sea; the little holes punched into the left-hand side of the cards have the beauty and flow of a digital waterfall falling down through the arrangement of cards. Like Simon, Shelton imbues these objects, replete with the symbolism of government secrecy, with visual poetry. *Punch Cards* also encapsulates, but does not explain, the secret language of computer coding, the embedding of digital information into a piece of card through strategically punched holes.

Even more esoteric is the object in *Blue Boy, computer part from the Wanganui Computer*. This photograph documents a strange, metal, pump-like object with two plastic tubes emerging from a cylinder painted pale blue. There are electrical wires, red, yellow and greenish-blue. The plastic tubes are mysterious and unexpected. The object does not really fit with commonplace ideas of what a computer part from the 1970s might look like. Is it a cleaning device, or some kind of chemical pump? In a strange way, this game of association, along with its anthropomorphic title, gives *Blue Boy* an air of harmless authenticity, as if it were a device you might find on the set of *Doctor Who*, or on sale amid other obscure parts at an outer-suburban garage sale, priced as 'make an offer'.

And what can we make of these small piles of shiny metal objects depicted in *Heavy Metal, Platinum, and Heavy Metal, Palladium*? Shelton has gathered these shiny metal 'pearls' together, photographing them against a black background. They look like mysterious, alchemic currency, their shape appears to be realised from a mould or machine. They sit comfortably as a group, four little piles; and in the comparisons we consequently seek between them, their differences are slight. They are in fact, as Shelton's titles indicate, recovered scrap metal from the remains of the decommissioned Wanganui Computer. Electronic scrap – tiny amounts of these precious metals served as conductors between the computer's components. If you search on Google for these metals you'll find several YouTube tutorials on how to extract them from computer hard drives, or investor advice on their price on the global market. Platinum is rare, palladium even rarer, so the little lustrous beads in Shelton's photographs are precious waste indeed. Removed from their conductive context, the metals are precious remainders with a life of their own; a new life spawned from the fast-moving trajectory of technological obsolescence.

Together this suite of photographs performs an interesting balancing act. They pluck physical objects from the abstraction of networked data. Revelatory and fascinating, they also preserve the Wanganui Computer's mysterious, private realm, conveying something of its withholding of information even as it offers it up. Perhaps this is all that Shelton could gather during her residency. Perhaps she has selected them from a larger repository of relics, holding more 'evidence' from our gaze. Or perhaps these objects are simply part of an elaborate fiction she has constructed. That we are not entirely sure of the origins or veracity of the represented objects allows us to reflect upon the nature of truth, its preservation and dissemination. Shelton engages with this through the photographic medium, using its connection to resemblance to prompt such reflections. She also alerts us to the nature of the archive, to history and the nature of its telling, its inclusions and exclusions and its power relations. Researching The Wanganui Computer through its residue and relics, as well as the man in whom it incited a deep rage, Shelton asks us to follow her on a path less-travelled, which leads back to an intimately connected present.

Shelton has titled her exhibition *The City of Gold and Lead*, the title of a 1967 volume in The Tripods trilogy by science fiction novelist John Christopher. In the novel, Tripod City is on earth but under the control of the alien tripods, covered by a large dome and circled by a band of gold. For humans, who are held in the city as slaves, its contained atmosphere is toxic, an environment where gravity's force is doubled and bodies made leaden. This elemental tale gives us an elegant, fearful metaphor for the history of government-held data that Shelton engages with. Existing in a golden world driven by data, its edges defined by its dissemination and disclosure, we might give pause to breathe in and reflect upon this atmosphere. Do we feel a lightness and freedom in our step, or do our bodies and minds drag heavily, our actions determined by a cruel other? In whose reality do we reside?