



ATS No 1 Limited
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AQUATRONIC SOLUTIONS *Developers of Geophysical Equipment and Software*

22nd September 2025

Halberd Holdings Ltd
C/O B&A Urban and Environmental
Po Box 1986
Shortland Street
Auckland 1140.

Nick Roberts s 9(2)(a)

Site: 1080 SH16, Waimauku, Auckland.

Dear Nick,

This letter confirms that the aquifer scanning at the above address has been completed.

The results are very favorable, showing multiple, well developed, aquifers systems under the site.

- 132 individual scanning locations were completed over the farm allowing 3D viewing.
- Scanning to 400m depth was undertaken.
- 3 very well-developed aquifer systems have been identified and modelled.
- 9 drilling locations have been pegged and are ready to drill.
- Sustainable water production yield estimates range from 10.2 litres per second to 7.5 litres per second on each of the 9 proposed drilling sites.
- Example:
 - 10.2 litres per second production rate produces 734,000 litres per day. (20hrs)
 - 7.5 litres per second production rate produces 540,000 litres per day. (20hrs)
- Water quality looked good under our system.

Yours sincerely
ATS No 1 Limited

John R McKendry
Managing Director.



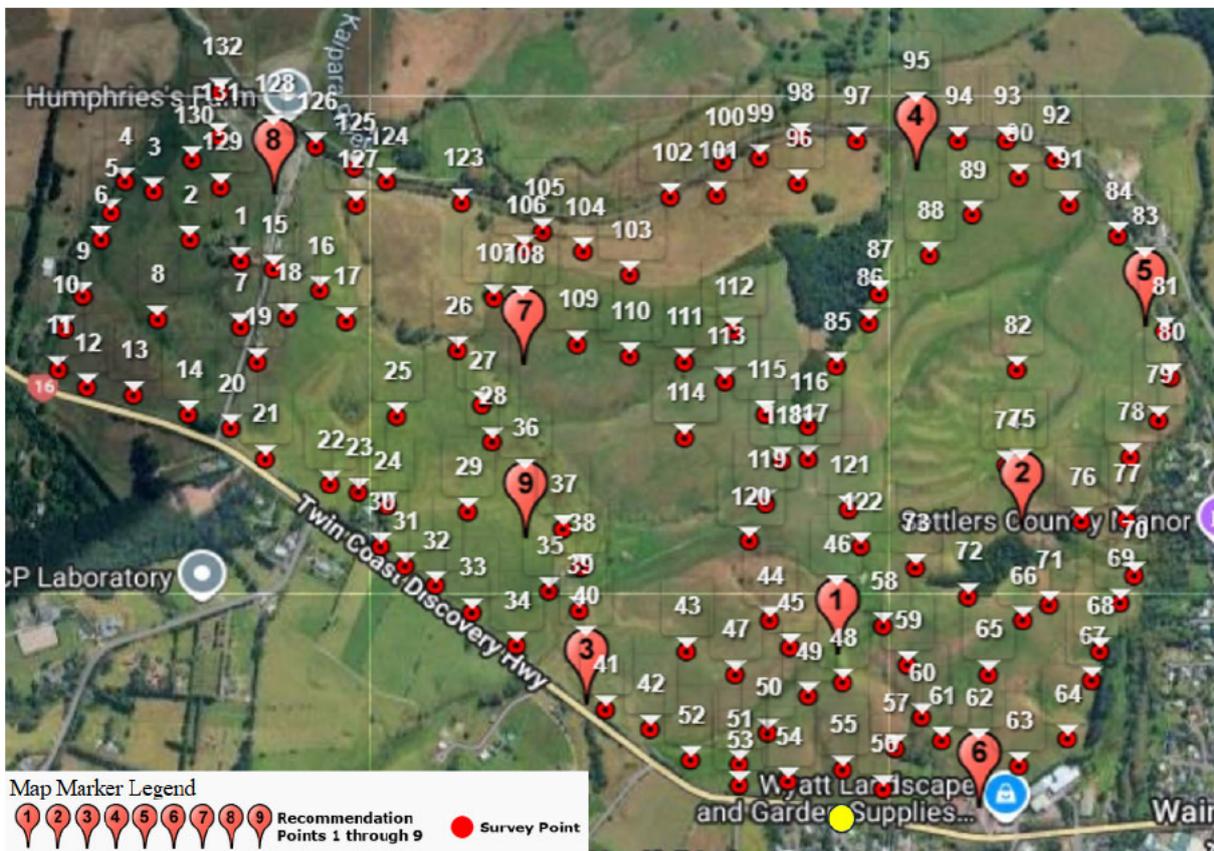
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AQUATRONIC SOLUTIONS *Developers of Geophysical Equipment and Software*

19th September 2025

Halberd Holdings Ltd
 C/O B&A Urban and Environmental
 Po Box 1986
 Shortland Street
 Auckland 1140.

Att: Nick Roberts s 9(2)(a)



A 132 sounding point seismo-electric geophysical investigation of the Halberd holdings Twin Coast Discovery Hwy survey area was conducted to evaluate the geology and hydrogeology of the site in order to locate, delineate and quantify aquifers for groundwater development.

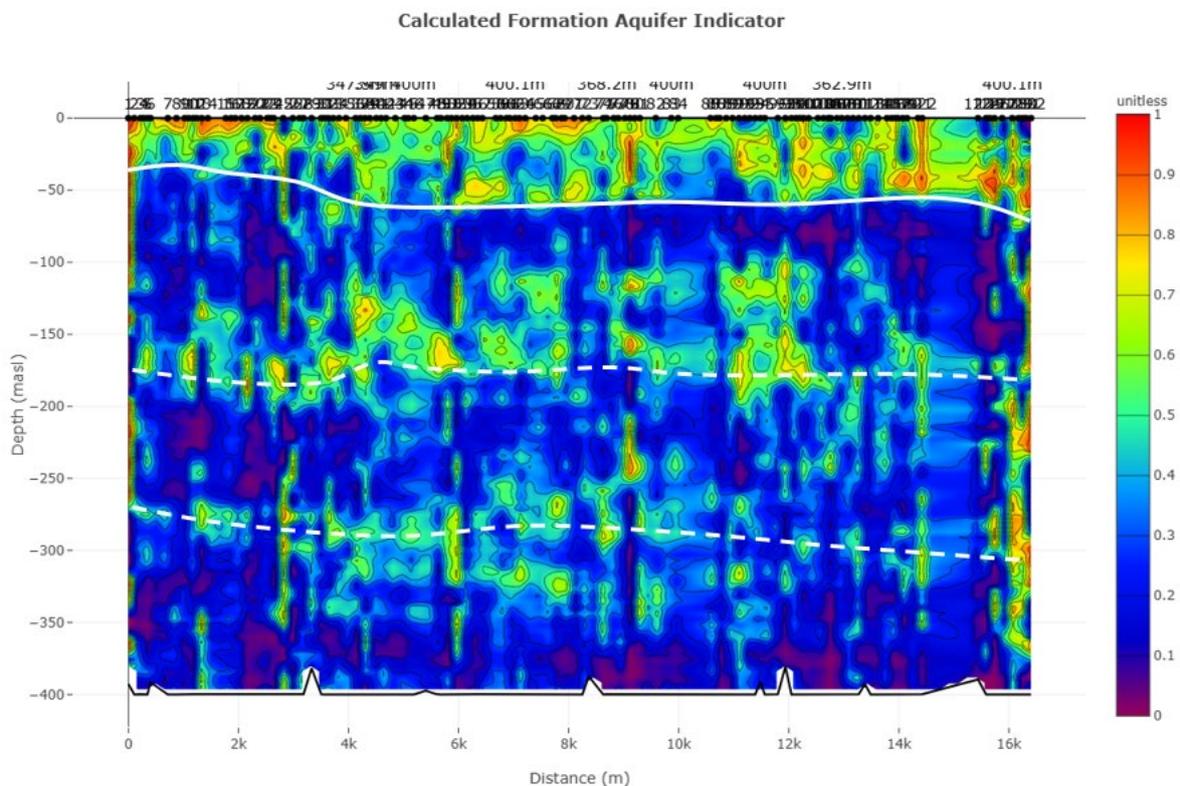
The results of the investigation indicate that three potential aquifer systems exist under the site. The first extends from surface level to 70 mbgl and is made up of shallow sediments and deeper sandstones. The aquifer appears to extend across the entire site.

The second aquifer exist at a depth of approximately 170mbgl and is indicated to be comprised of weathered sandstone or gravels. This aquifer also appears to extend across the

entire site, although it is indicated to be more consistent to the west of the site and more broken and disjointed to the east. This aquifer does appear to be the main supply aquifer in a number of wells drilled in the surrounding area, and as such is considered the main aquifer for the area.

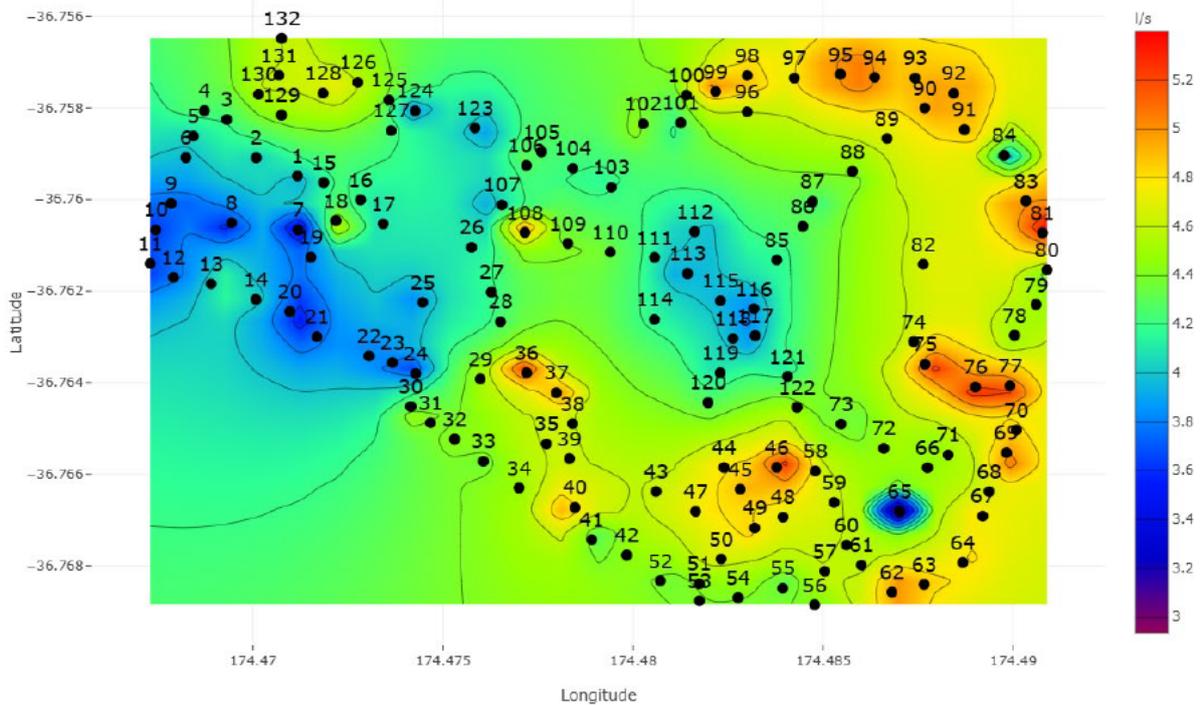
The third aquifer exists at a depth of approximately 270mbgl and appears to be a fractured or weathered sandstone aquifer. This aquifer is not as well developed as the one at 170mbgl, but it is indicated to extend across the site. The groundwater flow from this aquifer is expected to be dominated by fracture flow, as such the aperture and lateral extent of any fracture intersected will greatly affect the flow rate.

All three of these aquifers can be seen on the aquifer indicator chart shown below.



An analysis of the estimated sustainable yield for the site indicates that the site is a low to moderate yield site. This correlates well with the aquifer classification data provided by GNS, which also indicates low to moderate yields for the area. The data indicates that the western side of the site has higher yield potential than the east. Specifically, the southwestern corner of the site shows the highest yield potential and is the initial target for groundwater exploration.

Calculated Sustainable Yield Estimate(l/s)



The locations of the recommended drilling points are given in the table below, along with the estimated minimum, maximum and sustainable yields calculated for each point.

Rec No.	Point	Lat	Lon	Elev (masl)	Sust. yield (l/s)	Min yield (l/s)	Max yield (l/s)	Risk (%)	Interp. Confidence (%)	Drill Depth (mbgl)
1	46	-36.765850	174.483774	88.5	10.2	2.7	19.4	52	47.4	400
2	75	-36.763602	174.487675	45.4	9.8	2.6	20.7	58	45.2	368.2
3	40	-36.766726	174.478467	38.6	9.4	2.9	20	70	42.3	349
4	95	-36.757267	174.485450	22.9	8.8	2.2	19	65	41.3	400
5	83	-36.760034	174.490328	25.2	7.9	2.3	16.5	52	46.3	400
6	62	-36.768573	174.486803	32.1	7.6	2.4	15.4	58	45.1	400.1
7	108	-36.760721	174.477150	51.4	7.6	2.8	17.1	70	35.3	362.9
8	128	-36.757682	174.471842	19.0	7.6	3.4	17	58	38	400.1
9	36	-36.763784	174.477194	40.9	7.5	2.5	16.7	65	42.7	347.5

Dr. M Du Preez
 Technical Director
 Aquatronic Solutions