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Fulton Hogan Land Development Limited

Attention: Grant Fahey
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10 November 2025 WWLA1603

Milldale North - Groundwater Prospect for Community Water Supply

1. Statement of Qualifications and Experience

Jonathan (Jon) Williamson holds a Bachelor of Science in Earth Science, and a Master of Science and Technology first class honours in Hydrology and Geology from the University of Waikato.

Jon is the Managing Director of Williamson Water & Land Advisory (WWLA), a firm he founded in January 2015. Jon has 30 years of professional experience in New Zealand, Australia and the Pacific regions. For the 15 years prior to WWLA he held various technical and managerial roles in the water resource management and irrigation sectors within the Auckland office of Sinclair Knight Merz (now Jacobs). Prior to that, Jon was employed in a global multidisciplinary consulting firm in Sydney and undertook a range of hydrogeological work in the mining and municipal water supply sectors.

Jon has specialist technical expertise in geology, hydrogeology, hydrology and irrigation engineering over a wide spectrum of services including data collection and analysis; field investigations and testing; modelling; engineering design; construction contract management; technical report writing, community and stakeholder consultation; resource consent hearings; and technical working panels.

Of key relevance to this project would be Jon's bore design, procurement and construction experience for a range of project types, including municipal, irrigation, stock and domestic bores. WWLA also owns and operates an Electrical Resistivity Tomography system, hence Jon is well versed in geophysical prospecting for groundwater. Jon also owned and managed a drilling company (WWLA Drilling Services Ltd) for three years that specialised in construction of water supply bores, hence has an innate understanding of the practical and theoretical sides of developing a groundwater supply.

Examples of Jon's previous relevant work experience includes assessment of groundwater effects from bore pumping and dewatering of mines, quarries, highways, tunnels, wind farms, and site developments. Key projects include:

• Dury South Expansion Sutton Block – Hydrogeological reviewer for the EPA	• Auckland International Airport – dewatering of various underground infrastructure developments over recent years
• Taharoa Ironsand Mine	• Maramarua, Rotowaro and Bathurst Coal Mines;
• Oceana Gold's WKP Mine	• Kings Quarry Auckland
• Southland Lignite Mines	• Pike River Underground Coal Mine
• Ihumatao Quarry Expansion	• Waverley Wind Farm
• Grey Lynn Tunnel Central Interceptor Extension	• Waipori Falls Hydroelectric Power Station Penstock Tunnels
• Victoria Park (Roading) Tunnel	• Waterview (Roading) Tunnel
• Puhoi to Wellsford Highway	• Hobson Bay Sewer Tunnel
• Numerous opencut coal mines in the Hunter Valley NSW	• Various gold and iron ore mines in other parts of Australia

2. Introduction

Fulton Hogan Land Development Limited (FHLD) has requested professional hydrogeological advice from WWLA relating to the potential for a viable potable groundwater supply on the proposed Milldale North development site, shown in **Figure 1**.

We understand the average daily yield requirement is 944 m^3/day, which equates to pumping 24/7 at 10.9 L/s. The annual volume at this rate is 344,796 m^3/year.

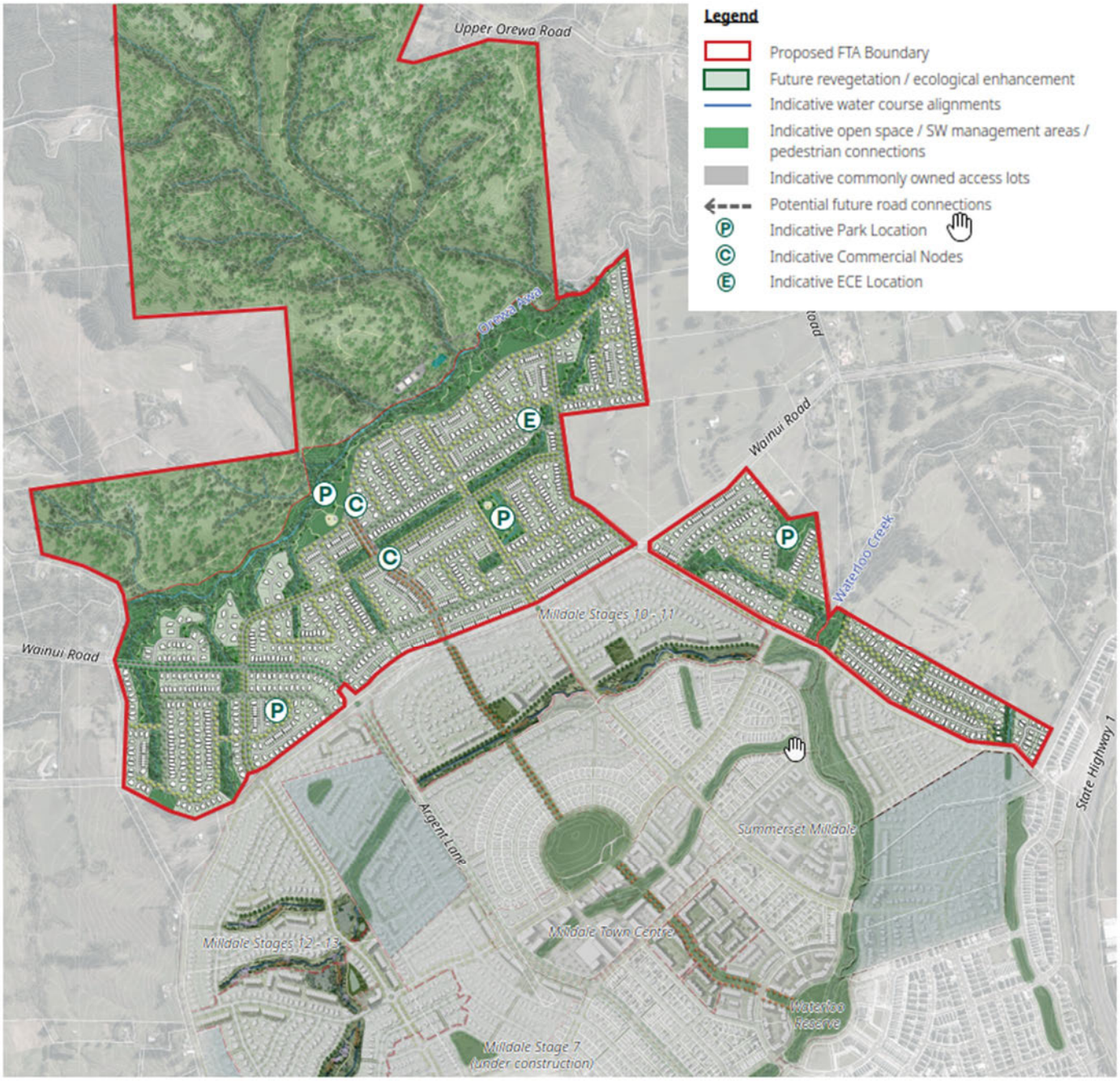


Figure 1. Milldale North Concept Masterplan (Source: B&A, October 2025).

3. Groundwater Regulatory Policy

3.1 Groundwater Allocation Limits

Groundwater in the Auckland regional is regulated in aquifer management zones. The relevant zone for the Milldale North sites is the Ōrewa Waitematā Aquifer Management Zone, which has an associated water availability of **858,000** m^3/year as defined in *Table 1. Aquifer water availabilities, Appendix 3* of the Auckland Unitary Plan (AUP).

The aquifer is not classified as a High Use Aquifer Management Area under Policy D1 of the AUP.

There are only three active consented groundwater takes in the immediate area, both considered to be for small groundwater takes (0.2 ha of glasshouse crops, domestic use for an early childhood development centre, and landscape irrigation at the Summerset Milldale retirement village).

3.1.1 Current Groundwater Allocation

The current level of allocation for the Ōrewa Waitematā Aquifer Management Zone was requested from Auckland Council and confirmed by email from Louwrens Le Roux on 15/09/25 as **628,366** m^3/year, with the remaining availability at that time of **229,634** m^3/year (**Table 1**).

Table 1. Allocation status of the Ōrewa Waitematā aquifer management zone.

		Volume (m^3/year)
Water Availability		858,000
Demand	Consented allocation	602,900
	Permitted activity takes	5,000
	AC s14(3)(b) provision	20,466
	TOTAL	628,366
Remaining Availability		229,634

It is my understanding that the Delmore Subdivision has lodged a resource consent application for the remaining allocation and should this be granted, that would fully allocate the Ōrewa Waitematā Aquifer Management Zone.

The implication of this is that the immediate focus for groundwater supply(s) at the Milldale North site in this report are therefore on bore(s) within the deeper unmapped Greywacke aquifer system. In saying this, there is strong potential for additional availability freeing up in the Ōrewa Waitematā aquifer on the basis of urbanisation in recent decade that has reduced the water demand from traditional rural users. This will also be investigated in future work.

4. Geology

The primary surface lithological types in the area are shown in **Figure 2** and those anticipated to be encountered during drilling at the site are summarised from the published text for the 1:250,000 geology map for Auckland[1] in **Table 2**. Greywacke basement rocks (ID#4) underlay the surface lithologies, hence are also described in **Table 2**.

[1] Edbrooke. S.W. (compiler) 2001: Geology of the Auckland area. Institute of Geological & Nuclear Sciences 1:250 000 geological map 3. 1 sheet +74 p. Lower Hutt„ New Zealand. Institute of Geological & Nuclear Sciences Limited.

The greywacke is the target for groundwater supply to the subdivision, hence as the surface geology (ID# 1-3) is largely irrelevant for the purposes of this investigation, no further discussion on these rock types is provided.

The closet surface outcrop of greywacke to the site is approximately 20 km to the east on Tiritiri-Matangi Island, as shown in the insert in **Figure 2**.

Table 2. Lithological classification for the Milldale North area.

ID#	QMAP unit(s)	Name	Description
1	lQa	Tauranga Group (older alluvium)	Middle Pleistocene - Late Pleistocene river and hill slope deposits. Predominantly pumiceous sand, silt, mud and clay, with interbedded gravel and peat.
2	Kkh	Hukerenui Mudstone	Red, brown, green and grey, typically noncalcareous, commonly highly sheared mudstone, with small serpentinite bodies.
3	Mwe	Waitematā Group (sandstone/siltstone)	Alternating sandstone and mudstone with variable volcanic content and interbedded volcaniclastic grits.
4	TrJ.sst	Waipapa Group Greywacke (sandstone and siltstone)	Massive to thin bedded, lithic volcaniclastic metasandstone and argillite, with tectonically enclosed spilite, chert and red and green argillite.

4.1 Deep Greywacke

The geological characteristics of greywacke, being the target rock type, and implications for securing a reliable groundwater supply are summarised in **Table 3**.

Table 3. Summary of greywacke rock characteristics and implications on groundwater yields and quality.

Site Characteristics	Site Characteristic and Implication
Rock Type: Greywacke	Greywacke rock is highly indurated (hard and dense) fine grained sandstone sedimentary rock that has undergone low-grade metamorphism. Consequently, greywacke exhibits distinct hydrogeological characteristics. ***1. Low Primary Porosity and Permeability*** • Matrix Properties: Intrinsic matrix porosity is typically very low (around 1–5%) and its matrix permeability is extremely low (e.g., $1x10^{-10}$ m/s to $1x10^{-7}$ m/s). This low matrix permeability is insufficient to sustain appreciable groundwater flow. • Aquiclude/Aquitard: In terms of bulk water storage and transmission, intact greywacke rock is generally considered a poor aquifer or more accurately, an aquiclude or aquitard, acting as a barrier or restrictive layer to lateral groundwater flow. ***2. Fracture-Controlled Fluid Flow*** • Secondary Permeability: Due to its history of tectonic activity, the greywacke is commonly highly fractured, faulted, and veined (often with quartz). Groundwater movement and storage are almost entirely controlled by this secondary fracture network. • Anisotropy: Permeability is therefore anisotropic, meaning it varies significantly with direction, aligning with the orientation and connectivity of the major faults and fractures. • Productivity: Bores are only productive where they intersect these significant fracture systems. The key implication of these hydrogeological characteristics is that fractures need to be intersected to obtain appreciable groundwater yields.

Site Characteristics	Site Characteristic and Implication
Geological Structure: Faulting	The effect of faulting on hydrogeology is two-fold, as faults can act as either conduits (enhancing flow) or barriers (impeding flow). ***1. Faults as Groundwater Conduits (High Permeability)*** Tensional or shear stresses during movement of the fault plane create an extensive network of open fractures, joints, and microcracks in the adjacent rock – i.e. a zone of damaged and fractured rock. This dramatically increases the secondary (fracture) permeability of the rock mass and is the primary mechanism for groundwater flow in greywacke (if any). ***2. Faults as Groundwater Barriers (Low Permeability)*** In many cases, the fault zone itself reduces permeability, acting as a flow boundary. • Fault Core Material: The central part of a fault (the fault core) can contain highly pulverized rock material known as fault gouge or cataclasite. This material is often composed of fine-grained clay minerals and rock flour. • Sealing Effect: The low permeability of this fine-grained material can form a hydrogeological barrier that impedes groundwater flow across the fault. • Hydrogeological Compartments: This barrier effect can divide the regional aquifer system into separate hydrogeological blocks or compartments, creating significant differences in groundwater pressure (head) and chemistry across the fault line. The key implication of faulting is both i) compartmentalisation of groundwater within the fault blocks, and ii) control on groundwater levels i.e. if the fault is acting as a conduit it is likely to suppress groundwater levels in high elevation areas, resulting in a flat hydraulic gradient.
Groundwater Recharge	The water balance of greywacke catchments is dominated by a high proportion of rainfall being converted to surface water runoff, with only a small proportion (typically less than 5% of mean annual rainfall) resulting as recharge to deeper groundwater system. The significant depth of greywacke in this area means that groundwater is typically old with Mean Residence Time (MRT) often >120 years. This indicates limited recharge (infiltration of surface water into the groundwater) compared to shallow aquifers. However, even a small percentage of rainfall recharge can attribute significant volumes of water if the zone of influence of the pumping bore is significant (e.g. many km^2 as opposed to a few hectares). The key implication of the limited recharge is that a wide zone of influence would be anticipated to provide sustainable yields.
Water Quality	The groundwater quality in the deeper greywacke rocks in the Auckland region is generally considered old, anoxic (lacking oxygen), and low in nitrate. The key water quality characteristics of deep greywacke groundwater are as follows: • Redox Conditions: The water is generally anoxic or strongly reducing. This is a common characteristic of older, deeper groundwater systems where dissolved oxygen is consumed by natural processes. • Lack of Contaminants: Due to its age and anoxic nature, this deep water is typically low in contaminates, especially nitrate because the lack of oxygen inhibits the formation and persistence of nitrate, and the long residence time means it is shielded from modern surface contamination (like fertiliser leaching). • Composition: The chemical composition is generally different from shallow groundwater and surface water, reflecting the minor direct hydraulic connectivity with surface water bodies. Over long residence times, the water's chemistry evolves through interaction with the rock, potentially leading to increased concentrations of natural elements like iron,

Site Characteristics	Site Characteristic and Implication
	manganese, and total dissolved solids under anaerobic conditions, depending on the specific location and depth. Groundwater quality within a 500 m deep bore located 4 km to the east in the overlaying Ōrewa Waitematā aquifer has been monitored by Auckland Council as part of the State of the Environment monitoring. A 2016 report indicates that water quality parameters that have been monitored (N, NH3-N, P, Fe and Mn, TDS, EC and DO) are stable and within guideline limits for NZ Drinking Water Standards (Ministry of Health, 2000), and the Australian and New Zealand Environment and Conservation Council freshwater protection limits (ANZECC, 2000).

4.2 Faulting

As indicated above, faults are important features responsible for the fracture network in greywacke rocks that provide secondary permeability and enhance the otherwise low permeability greywacke rock mass.

The geology of the Orewa River Valley is significantly shaped by faulting, though not by major currently active faults. Whilst faulting associated with emplacement of the Northland Allochthon is significant in the shallower sediments, faulting associated with the drowned valley structure (Inferred Faulting) of the Orewa River Valley itself is more relevant to the proposed deep bore prospects. The formation of drowned river valleys is typically influenced by underlying block-faulting.

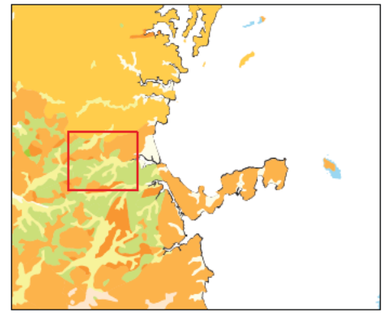
While the area is not highly seismically active, the underlying greywacke basement rock is structured into large, ancient fault-bounded blocks. The topographic expression and geographic alignment of the river valley is likely to be subtly influenced by the reactivation or presence of deep WSW-ENE trending basement structures, as shown in **Figure 2**. These ENE-WSW trending basement structures fault structures are ancient and generally inactive and buried.

Figure 2 also shows three main faults in the area with similarly aligned WSW-ENE trending faults north and south of the Orewa River Valley, which provides some confidence that the greywacke in this area may be more intensely fracture than otherwise in the absence of faulting.

Map Title:
Milldale North local geology

Project:
WWLA1603 Milldale North

Client:
Fulton Hogan Land Development Limited



Legend

- **Faults**
- **State Highway**
- **Roads**
- **Rivers/Streams**
- **Lakes**
- **Property boundaries**

GNS 250K geological units

- **Tauranga Group Alluvium**
- **Hukerenui Mudstone**
- **Waitematā Group Sandstone**
- **Waipapa Group Greywacke**

Data Provenance
Faults and geological units sourced from GNS Science.
Roads, rivers, and lakes sourced from LINZ Data Source.
Property boundaries sourced from Auckland Council.

Drawn by: Barbara Tasca
06/11/2025

Layout & Project File
A3 Landscape Template

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Figure 2.

5. Aquifer Mapping

Aquifer Mapping Ltd was commissioned to undertake a deep geophysical survey of the site up to a depth of 900 m, to meet the following objectives:

- provide an indication of the likely flow rates with depth that could be expected from deep greywacke bores at this site; and
- recommend bore positions with maximum likelihood of encountering fractures and higher yields.

Appendix A provides a copy of Aquifer Mapping Ltd's report.

The following sections summarise the methodology and results from the survey.

5.1 Methodology

5.1.1 Seismo-Electrical Geophysical Method

The survey was undertaken using a seismo-electrical geophysical method (often referred to as the seismoelectric method), which is a technique that involves sending a seismic waves into the subsurface and recording the resulting electromagnetic (EM) signals generated by the rock and fluid interactions[2].

The method relies on a phenomenon known as the electrokinetic effect or streaming potential in fluid-filled porous media (like water-saturated rock or soil) and is based on the following steps:

- ***Seismic Wave Propagation:*** A seismic source (like a hammer or small explosive) generates a pressure (P-) wave that travels through the subsurface.
- ***Fluid/Solid Relative Motion:*** When the seismic wave encounters a porous, fluid-saturated material (e.g., an aquifer), the pressure wave induces a relative motion between the free ions in the pore fluid (typically water) and the stationary charges (the electric double layer) adsorbed on the solid rock matrix.
- ***Charge Separation:*** This relative motion causes a transient charge separation, effectively forming an electrical dipole.
- ***Electromagnetic Wave Generation:*** This oscillating dipole radiates an electromagnetic wave that can be detected by antennae (electrodes) placed on the ground surface.

5.1.2 Survey Setup

One hundred and six sounding locations were surveyed across the Milldale North development site (**Figure 3**). Aquifer Mapping Ltd consider this adequate to provide a low-resolution overview of the deeper aquifer and groundwater yield potential.

[2] https://www.youtube.com/watch?v=5LQ4GGeQyoc

Map Title:
Seismic source test site locations

Project:
WWLA1603 Milldale North

Client:
Fulton Hogan Land Development Ltd

Legend

- Survey points
- Pathway
- Roads
- Rivers/Streams
- Lakes
- Property boundaries

Urban Aerial Photos (2024-2025)

Data Provenance
Aerial imagery, roads, rivers and lakes sourced from LINZ Data Source.
Property boundaries sourced from Auckland Council.

Drawn by: Barbara Tasca
06/11/2025

Layout & Project File
A3 Landscape Template

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Figure 3.

5.2 Summary of Results

5.2.1 Fracture Zones

Four depth zones where identified where the EM signal displayed i) higher propensity for rock fracturing and ii) continuity across multiple stations. These depth zones are shown on a long section in **Figure 4.** The path of the long section is shown in **Figure 3**. The zones of greater aquifer potential are located -180 mAMSL, -300 mAMSL, -580 mAMSL and -700 mAMSL, as shown in **Figure 4**.

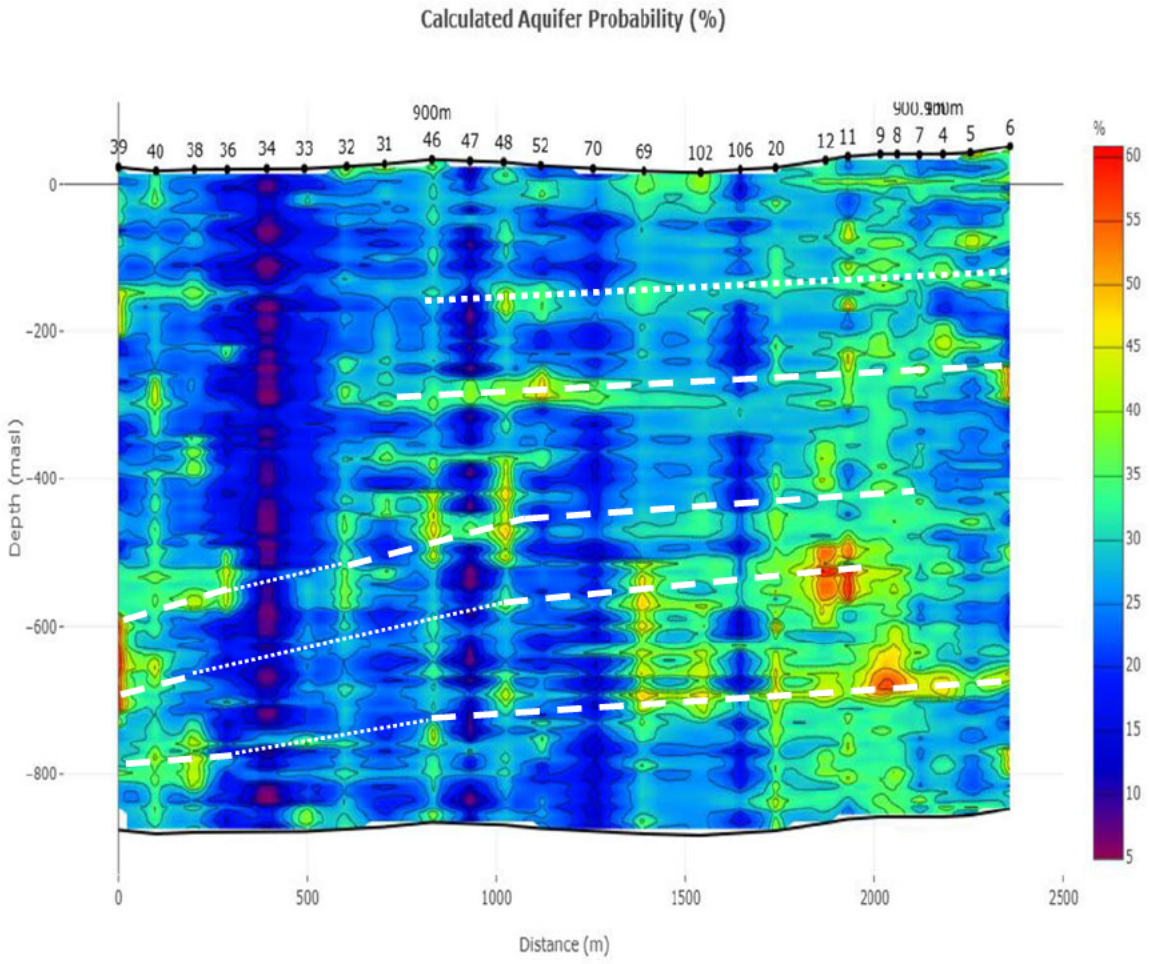

Figure 4. Aquifer potential long section.

5.2.2 Depth to Greywacke

It is likely the -180 mAMSL zone is within fractured Waitemata Group sandstone as this zone approximates the production zone in neighbouring wells. Similarly, the zone at approximately -- 300 mAMSL is within the same formation. However, the strong reflector at -600 mAMSL shown in the Critical Reflection Angle analysis (**Figure 5**) indicates a likely change in lithology and the fracture zone is probably the top of the greywacke. Hence, any bore drilled on this site would need to be cased to at least -600 mAMSL to ensure production from the greywacke aquifer as opposed to the fully allocated overlying Waitemata Aquifer.

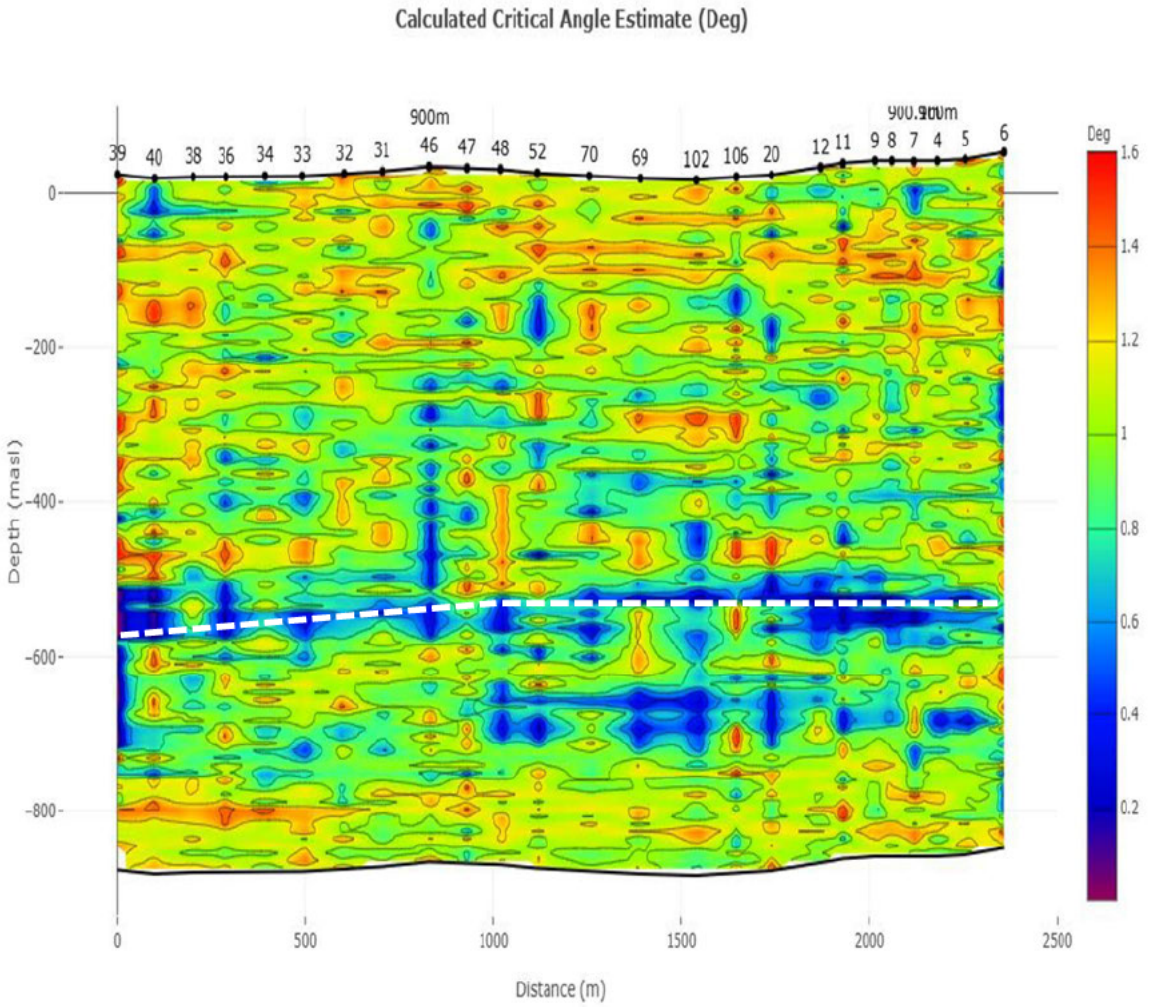

Figure 5. Critical reflect angle along the long section.

Interestingly, the inflexion in the strong reflector at approximately chainage 1,000 m coincides with the Orewa River and the inference is that there is a significant fault offset at this location. To the north and northeast of the river (towards the ridge at the back of the property) the fracture propensity at depth appears to be greater than to the west or south.

5.2.3 Yield Potential

Whilst the survey considered both the Waitemata and Greywacke aquifer, we are only concerned with the Greywacke aquifer, which is beneath -600 mAMSL.

The Auckland Council aquifer management policy does not specify a bottom depth to the aquifers, hence we must assume that change in lithology is the only pathway for attributing allocation to a different aquifer management zone.

Figure 6 provides a contour map of the interpolated maximum yield for every survey point for the depth interval of the Greywacke aquifer beneath -600 mAMSL. The contour maps indicates a number of zones with yield potential between 6 - 8 L/s. There seems to be a greater propensity for higher yields along the alignment of the two faults in the norther of the property, albeit further

to the east of where they are marked on the geology map. However, there are also some zones of indicatively higher yields associated with the Orewa River valley and tributaries, which may indicate faulting that does not manifest at the surface and is therefore not marked on the geological map.

The indicated yield potential of the Greywacke aquifer between -600 to -900 mAMSL is not inconsistent with known yields in the wider area. For example, a recently drilled Greywacke bore at Dairy Flat has a maximum yield of approximately 12 L/s - producing from a depth of approximately -400 to -680 mBGL.

5.3 Groundwater Supply Concept Plan

To meet the groundwater requirement of approximately 10.9 L/s, it is likely that two bores will be required, given the maximum yield potential is between 6-8 L/s. These bores would indicatively be between -600 mAMSL and -900 mAMSL, subject to exploratory drilling confirming the Greywacke contact depth and yields.

It is important to note that at Dairy Flat the Greywacke was contacted at a depth of 400 mBGL, hence there is a possibility it may also be shallower at this site.

Recommended drilling zones based on the highest yields and adjacency of high yield points from the Aquifer Mapping report ranked from highest potential zones are summarised in **Table 4**.

Table 4. Recommended drilling locations in high production zones.

Zone	Survey Points	Easting (m)	Northing (m)	Max. Yield (L/s)
1	7	1747030	5948899	9.7
	4	1747067	5948950	7.5
	10	1747071	5948893	5.9
2	18	1746694	5949031	8.4
	16	1746728	5949128	6.0
	24	1746431	5948995	5.8
	19	1746709	5948955	4.4
	23	1746489	5948872	4.2
	17	1746731	5949098	3.7
3	21	1746657	5948762	7.8
	95	1746681	5948577	7.5
4	46	1746780	5947960	7.9
	45	1746736	5947835	6.3

N

Upper Orewa Road

Russell Road

Orewa River

Gavin Road

Wainui Road

Cemetery Road

Agent Lane

Lysnar Road

Waterloo Creek

0 1 2 km

Map Title:
Interpolated maximum yield contour plot

Project:
WWLA1603 Milldale North

Client:
Fulton Hogan Land Development Limited

Legend

- Survey points
- Faults
- Roads
- Rivers/Streams
- Lakes
- Property boundaries

Aquifer yield contours

- 0 - 1 (L/s)
- 1 - 2 (L/s)
- 2 - 4 (L/s)
- 4 - 5 (L/s)
- 5 - 8 (L/s)

Urban Aerial Photos (2024-2025)

Data Provenance
Aerial imagery, roads, rivers, and lakes sourced from LINZ Data Source.

Drawn by: Barbara Tasca
06/11/2025

Layout & Project File
A3 Landscape Template

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Figure 6.

6. Conclusion

FHLD require a potable water supply from a groundwater bore yielding around 10.9 L/s for their proposed Milldale North Development. The Waitemata Aquifer is the most commonly tapped groundwater source in this area being shallow. However, this aquifer is currently considered by Auckland Council to be fully allocated. Hence, the question posed was in regard to the potential for groundwater in the deeper greywacke system.

The key conclusion from the conceptual aquifer model presented is that the Greywacke can be a reliable source of groundwater, subject to encountering fractures that are interconnected over a reasonable area to support storage of groundwater and sustainable flow. These fracture networks in Greywacke are typically only associated with faulting.

In the project area three fault alignments in a SW to NE orientation are mapped. These roughly align with the Orewa River valley, albeit with outcrop positions both to the north and south. However, submerged faults are likely to prevail under the river valley itself.

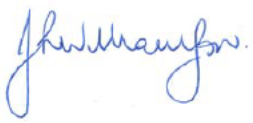
Aquifer Mapping NZ were commissioned to undertake a seismo-electrical geophysical survey of the site to identify zones of fracturing at depth. Whilst the survey comprised the depth range from the surface to -900 mAMSL, the focus was on the depths greater than -600 mAMSL, which was found to be is most likely contact depth between the Greywacke and overlaying Waitemata aquifer.

The survey identified a number of points beneath -600 mAMSL with relatively high estimated maximum yields (6-8 L/s). Where these points correspond, a zone was identified as a potential high production zone, of which four were identified.

Based on the Aquifer Mapping survey, it is likely that two deep bores between 600-900 m deep will be required to meet the daily demand of 10.9 L/s comfortably. However, this can not be confirmed until exploratory drilling is undertaken, and we note optimistically, that a single deep bore recently drilled in Dairy Flat is producing a maximum yield of 12 L/s.

On this basis we have confidence that the Milldale North site can provide a self-sufficient potable groundwater supply.

Yours sincerely,



Jon Williamson
Managing Director | s 9(2)(a)
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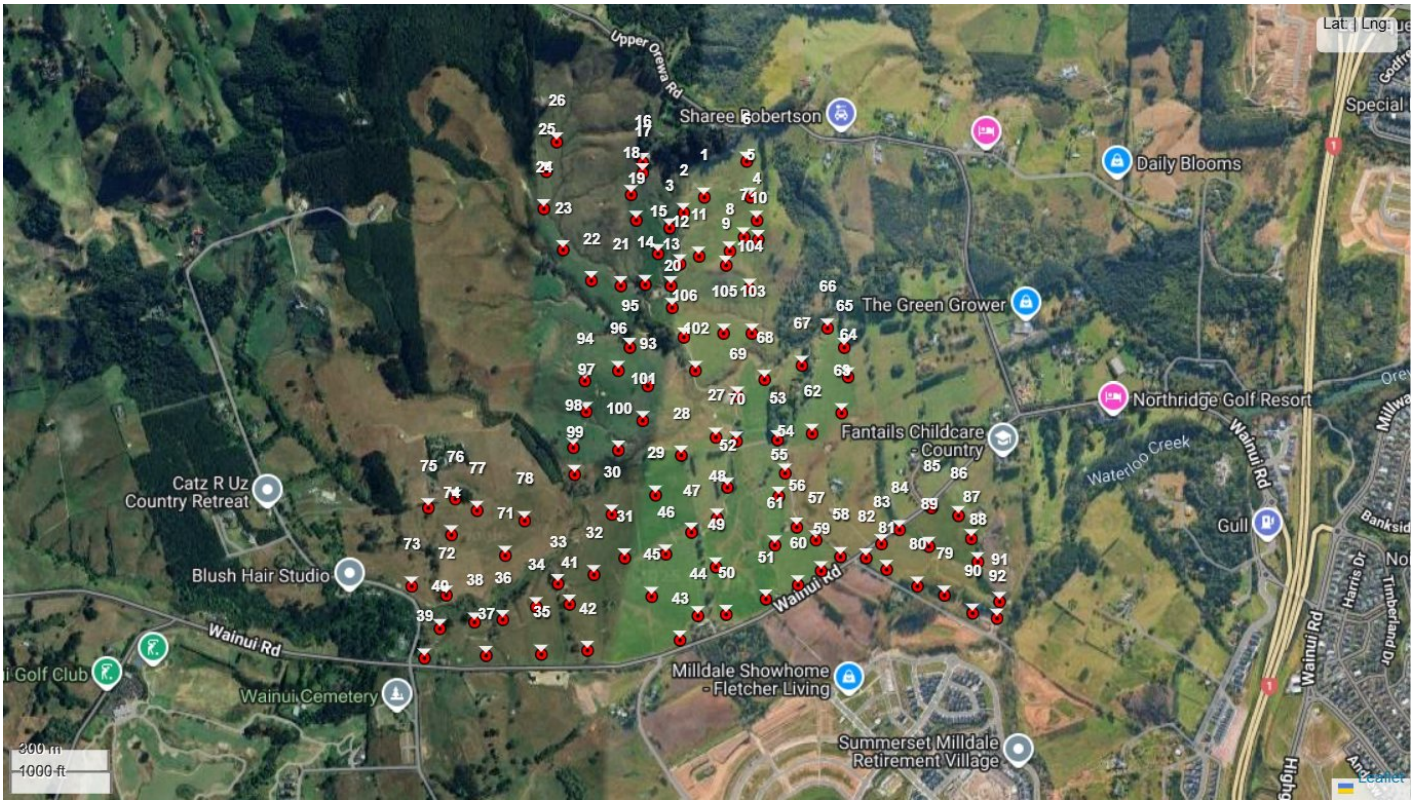
Appendix A. Aquifer Mapping NZ Ltd Report

GeoVue Report

Terms of Use: All the data sets, interpretations, recommendations, logs, and risk assessments, presented in this document are calculated estimates of the values and parameters they represent, as they are derived from the signal attributes of multiple sets of sensor collected data. These sensors are subject to variance, drift, noise, error and uncertainty. As such, the data collected from these sensors, and the data sets derived from the sensor collected data, are subject to the same variance, drift, noise, error and uncertainty. As such, the data sets discussed in this document cannot, and should not, be viewed or interpreted as being absolute in nature. Any actions or decisions made by the user with reference to the data provided in this document, should consider the uncertainties and risks involved in its use. As such, the client accepts and agrees in full, not to hold 'GeoVue Ltd', its owners, directors, or employees, liable for any financial or physical losses, damages, injuries, or claims incurred or made by any persons, companies, organizations, or institutions who make use of 'GeoVue Ltd' field or consulting services, or the information, interpretations, findings, and recommendations discussed in this report. As Electro-seismic technologies are geophysical technologies with inherent uncertainties and risks, the client accepts and agrees in full, that 'GeoVue Ltd', its owners, directors, or employees, does not, and cannot, guarantee that the results published in this report to be absolutely accurate and will not accept, or be liable for, any claim of financial losses due to unsuccessful or unsatisfactory exploration results, or otherwise, due to the use of the information discussed in this report, on the part of the client and/or their associates, subsidiaries, contractors, consultants, employees, or investors.

Survey Site Map



Survey Points

Point	Rec No.	Lat	Lon	Elev (masl)	Sust. yield (l/s)	Min yield (l/s)	Max yield (l/s)	Risk (%)	Interp. Confidence (%)	Drill Depth (mbgl)	Vert. Res (m)	Uncertainty (%)
1	85	-36.592990	174.642382	39.8	0	0	0	70	31.7	900.1	4	30
2	48	-36.593425	174.641668	36.0	0.9	0.6	2.9	70	30.1	900.1	4	30
3	42	-36.593829	174.641225	33.8	1.1	0.8	2.4	52	41.3	900	4	30
4	7	-36.593614	174.644111	41.0	3	0.9	7.5	70	33	900	5	40
5	86	-36.592981	174.643896	43.1	0	0	0	65	40.6	894.8	4	30
6	61	-36.592046	174.643786	52.1	0.6	0.2	1.9	70	34	900.1	5	40
7	4	-36.594078	174.643701	40.1	3.3	0.9	9.7	60	32.7	900.1	5	40
8	57	-36.594446	174.643218	41.0	0.7	0.2	1.8	60	37.7	900	5	40
9	11	-36.594818	174.643079	41.0	2.5	1	5.8	52	42.2	900	4	30
10	24	-36.594121	174.644164	40.0	1.8	0.6	5.9	75	29.7	892.8	5	40
11	12	-36.594565	174.642172	38.0	2.5	1.1	6.7	60	37.4	900	4	30
12	49	-36.594789	174.641560	32.9	0.9	0.2	2.3	52	41.9	895.7	3	20
13	5	-36.595358	174.641266	25.4	3.1	1	13	79	21.3	900.1	3	20
14	58	-36.595345	174.640396	19.9	0.7	0.4	2.6	82	26	900.1	4	30
15	87	-36.594525	174.640799	30.0	0	0	0	58	39.3	824.7	4	30
16	9	-36.592064	174.640284	61.0	2.7	0.7	6	65	37.5	900.1	4	30
17	43	-36.592334	174.640320	58.3	1.1	0.3	3.7	76	30.4	892.1	4	30
18	3	-36.592938	174.639920	43.8	3.4	0.8	8.4	65	34	871.6	4	30
19	29	-36.593623	174.640106	38.6	1.6	1	4.4	70	32.4	900	5	40
20	16	-36.595946	174.641300	23.2	2.3	0.5	4.8	52	42	900	3	20
21	2	-36.595366	174.639557	19.6	3.6	1.2	7.8	52	40	881.1	3	20
22	66	-36.595232	174.638582	22.6	0.5	0.1	1.5	58	38	879.2	3	20
23	25	-36.594405	174.637659	26.0	1.8	0.8	4.2	58	41.8	900.1	4	30
24	21	-36.593307	174.636992	32.0	2	1.1	5.8	75	30.4	900.1	5	40
25	88	-36.592319	174.637102	34.9	0	0	0	44	44.6	900.1	3	20
26	89	-36.591509	174.637408	37.0	0	0	0	60	41.3	895.8	4	30
27	33	-36.599436	174.642741	21.0	1.4	0.5	5.1	75	25.1	868.1	4	30
28	67	-36.599923	174.641577	21.0	0.5	0.4	1.8	80	31.3	848.1	4	30
29	79	-36.600978	174.640721	24.9	0.1	0.4	0.4	60	37.5	766.9	5	40
30	37	-36.601514	174.639266	22.5	1.3	0.4	3.9	64	36.6	899	4	30
31	80	-36.602681	174.639688	28.1	0.1	0.2	0.2	70	32.3	900	4	30
32	13	-36.603114	174.638691	25.0	2.5	0.8	6.6	58	36.9	900	3	20

33	44	-36.603356	174.637484	22.1	1.1	0.4	3.4	76	32.2	900.1	3	20
34	71	-36.603997	174.636721	22.1	0.4	0.2	2.1	98	16.1	891.8	6	50
35	72	-36.605261	174.636901	33.1	0.4	0.2	2.2	98	16.7	900	6	50
36	47	-36.604332	174.635635	21.0	1	0.3	2.9	80	28.3	876.8	4	30
37	22	-36.605305	174.635054	27.7	1.9	0.7	4.5	60	38.6	893.9	4	30
38	38	-36.604417	174.634661	21.0	1.3	0.5	3.3	65	41.6	900	5	40
39	90	-36.605351	174.632993	24.0	0	0	0	70	31.5	900	4	30
40	10	-36.604569	174.633518	19.0	2.6	1	6.2	52	37.6	900.1	4	30
41	26	-36.603909	174.637872	26.3	1.8	0.7	3.6	52	40.7	900	3	20
42	50	-36.605167	174.638439	36.1	0.9	0.4	3	70	33.2	841.8	5	40
43	91	-36.604873	174.641563	40.0	0	0	0	58	34.1	573.1	4	30
44	62	-36.604226	174.642130	40.0	0.6	0.2	1.6	52	37.1	750.5	3	20
45	30	-36.603713	174.640622	36.7	1.5	0.8	6.3	85	26.6	900	3	20
46	6	-36.602580	174.641089	34.0	3.1	0.9	7.9	44	39.9	900	3	20
47	92	-36.601976	174.641922	32.0	0	0	0	96	24.5	890.7	7	60
48	93	-36.601607	174.642803	30.7	0	0	0	44	39.6	846	2	10
49	14	-36.602924	174.642746	37.9	2.5	0.8	5	58	40	900	4	30
50	51	-36.604196	174.643072	40.0	0.9	0.4	3.1	70	32.5	897	5	40
51	34	-36.603785	174.644405	36.1	1.4	0.7	4.9	80	32.2	900	5	40
52	20	-36.600776	174.643154	26.0	2.1	0.8	7.3	75	31.1	900.1	5	40
53	53	-36.599494	174.644799	21.0	0.8	0.4	2	70	28.3	876.7	4	30
54	45	-36.600418	174.645052	24.0	1.1	0.4	3.1	58	38.8	900	3	20
55	68	-36.601025	174.644867	26.0	0.5	0.4	1.8	65	33.6	900	4	30
56	39	-36.601845	174.645447	27.0	1.2	0.4	4.7	90	23.4	900	5	40
57	35	-36.602194	174.646096	26.0	1.4	0.4	4.2	70	29.1	850	5	40
58	77	-36.602656	174.646897	25.0	0.2	0.1	1	95	20.8	863.1	4	30
59	54	-36.603010	174.646269	26.5	0.8	0.4	3	88	20.4	900	5	40
60	94	-36.603396	174.645512	29.3	0	0.2	0.2	70	29.3	875.6	5	40
61	81	-36.602345	174.644723	30.1	0.1	0.2	1.1	98	12.7	884.3	6	50
62	31	-36.599344	174.645980	20.0	1.5	0.4	4.9	70	31.6	900	4	30
63	95	-36.598771	174.646960	17.6	0	0	0	85	23.5	753.6	4	30
64	40	-36.597820	174.647162	15.0	1.2	0.8	2.4	65	39.6	809.9	4	30
65	96	-36.597036	174.647028	13.0	0	0	0	76	30.3	881.7	3	20
66	17	-36.596502	174.646503	13.0	2.3	0.7	5.6	65	37.1	900	4	30
67	32	-36.597507	174.645607	15.0	1.5	0.7	3.4	58	38.5	899.9	3	20
68	63	-36.597905	174.644396	17.0	0.6	0.4	2.3	65	30.4	784	4	30
69	73	-36.598332	174.643493	19.0	0.4	0.1	1	44	40.9	900	3	20
70	36	-36.599539	174.643424	22.0	1.4	0.4	5	80	23.7	720	4	30
71	97	-36.602609	174.635692	19.0	0	0	0	90	23.9	580.4	4	30
72	69	-36.603666	174.633730	19.7	0.5	0.5	1.8	75	29	900	4	30
73	55	-36.603419	174.632584	20.0	0.8	0.5	3.4	80	28.7	895.6	4	30
74	23	-36.602051	174.633928	25.2	1.9	0.6	6.2	65	30.9	854.9	4	30
75	64	-36.601318	174.633129	32.6	0.6	0.2	1.9	80	29.8	663.6	5	40
76	78	-36.601102	174.634053	34.1	0.2	0.1	1	84	28.1	852	5	40
77	27	-36.601391	174.634749	26.9	1.8	0.6	4.6	65	34	900.1	5	40
78	82	-36.601675	174.636338	18.2	0.1	0.4	0.4	60	37.5	822.8	4	30
79	65	-36.603672	174.650395	18.0	0.6	0.5	2	75	33.7	900	4	30
80	19	-36.603451	174.649476	20.0	2.2	0.4	5	58	39.9	900	4	30
81	8	-36.602993	174.648463	22.0	2.9	0.8	6.6	44	42.5	900	3	20
82	76	-36.602681	174.647766	23.0	0.3	0.2	1.4	80	24.3	740.7	5	40
83	83	-36.602293	174.648272	23.0	0.1	0.3	0.3	97	14.4	850.2	6	50
84	70	-36.601932	174.648903	22.0	0.5	0.7	2	65	32.1	900.1	5	40
85	98	-36.601322	174.649959	21.0	0	0	0	96	17.3	453.8	7	60
86	99	-36.601552	174.650848	20.0	0	0	0	85	21.2	725.8	4	30
87	74	-36.602164	174.651284	18.1	0.4	0.1	1.5	80	30.3	841.8	5	40
88	18	-36.602774	174.651487	17.0	2.3	0.8	7.5	85	27.3	900	5	40
89	52	-36.602378	174.649862	20.0	0.9	0.3	3.3	80	27.4	900	5	40
90	15	-36.604147	174.651314	15.0	2.4	0.8	6	60	39.8	900	4	30
91	28	-36.603862	174.652216	15.0	1.7	0.4	3.9	52	44.6	885.6	4	30
92	84	-36.604310	174.652134	15.0	0.1	0.4	0.4	52	38.9	899	3	20

93	100	-36.598058	174.640493	21.0	0	0	0	52	42	861	3	20
94	56	-36.597915	174.638368	26.0	0.8	0.2	2.1	80	28.8	900	5	40
95	1	-36.597028	174.639871	20.0	4.4	0.7	7.5	44	46.9	900.1	2	10
96	75	-36.597654	174.639484	22.5	0.4	0.1	1.3	60	39.3	900	4	30
97	101	-36.598762	174.638418	24.0	0	0	0	58	35	814	3	20
98	102	-36.599719	174.637980	21.4	0	0	0	76	30.6	605.4	3	20
99	103	-36.600447	174.638042	19.9	0	0	0	94	14.9	843.9	3	20
100	41	-36.599789	174.639468	19.0	1.2	0.2	2.4	60	37.7	638.5	5	40
101	59	-36.598999	174.640289	19.0	0.7	0.3	2.9	91	21	900.1	6	50
102	104	-36.597636	174.642065	17.0	0	0	0	52	42.6	199.3	3	20
103	60	-36.596647	174.643962	16.0	0.7	0.2	1.8	64	35.2	787.4	3	20
104	105	-36.595430	174.643869	30.5	0	0	0	70	25.9	876	5	40
105	106	-36.596657	174.642989	17.0	0	0	0	64	33.4	900.1	4	30
106	46	-36.596738	174.641681	21.1	1.1	0.2	3	80	26.1	899.7	4	30

Recommended Points Table

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	95	-36.597028	174.639871	20.0	4.4	0.7	7.5	44	46.9	900.1
2	21	-36.595366	174.639557	19.6	3.6	1.2	7.8	52	40	881.1
3	18	-36.592938	174.639920	43.8	3.4	0.8	8.4	65	34	871.6
4	7	-36.594078	174.643701	40.1	3.3	0.9	9.7	60	32.7	900.1
5	13	-36.595358	174.641266	25.4	3.1	1	13	79	21.3	900.1
6	46	-36.602580	174.641089	34.0	3.1	0.9	7.9	44	39.9	900
7	4	-36.593614	174.644111	41.0	3	0.9	7.5	70	33	900
8	81	-36.602993	174.648463	22.0	2.9	0.8	6.6	44	42.5	900
9	16	-36.592064	174.640284	61.0	2.7	0.7	6	65	37.5	900.1

Definitions

Risk – The calculated total risk of attaining the specified point yield parameters indicated in the recommendations table. Risk is defined by the site noise content, data correlation, data signal to noise ratios and number of strikes used in processing.

Confidence – The calculated measure of confidence in attaining the point specified yield parameters indicated in the recommendations table. Confidence is defined by the area, volume, min and max yield, correlating points and composition of the aquifers detected under the point.

Min Yield – The estimated minimum yield, in litres per second, the point will produce if drilled to the specified depth. This estimated value is calculated by assuming no fractures or dual porosity formations are intersected under the point and thus represents the lowest calculated yield for the point. All aquifers above the specified static water level or user defined casing depth is excluded from the yield estimation.

Max Yield – The estimated maximum yield, in litres per second, the point will produce if drilled to the specified depth. This estimated value is calculated by assuming large, extensive, well connected and well developed fractures or dual porosity formations are intersected under the point and thus represents the highest calculated yield for the point. All aquifers above the specified static water level or user defined casing depth is excluded from the yield estimation.

Sustainable Yield – The estimated sustainable yield, in litres per second, the point should produce if drilled to the specified depth. All aquifers above the specified static water level or user defined casing depth is excluded from the yield estimation. This value is calculated by applying the area, volume, composition, min and max yield, risk and confidence parameters for the aquifers indicated to be intersected by the point, to estimate what the sustainable yield of the points will be. This value includes both the local and wide area aquifers sustainable yield estimates, within the specified yield influence radius, to provide the most realistic estimate for sustainable yield at any given point location. The sustainable yield value specified in the recommendations table, is a calculated estimate for sustainable yield a point will produce. As such, the estimated sustainable yield, specified on the recommendations table, is subject to variation from the true sustainable yield encountered at the point. The true sustainable yield encountered at the point can and may vary between the specified estimated minimum and maximum yield values for the point.

Rec Drill Depth – The maximum depth to which a recommended point should be drilled.

Vert. Res – The maximum calculated vertical resolution of interpreted geological interface depths.

Uncertainty – The maximum calculated uncertainty of the interpreted geological interface depths.

Data Description

The Seismo-Electric Geophysical Method

The seismo-electric effect is the generation of electric fields when seismic waves move through fluid-saturated porous media. The method blends seismic and EM sensing to infer porosity, permeability, fluid content, and lithology. In practice, fast P waves interacting with property contrasts create slow P waves that enhance relative motion between pore fluid ions and surface-bound ions, producing streaming potentials and, at interfaces, independent EM radiation. This overview covers foundations, historical development, and acquisition/processing considerations, including the roles of the electric double layer, zeta potential, electrokinetic coupling, and interface responses that behave like oscillating electric dipoles.

Background

Early work by Frenkel (1944) used a Helmholtz–Smoluchowski approach to describe co-seismic electric fields; Biot (1956, 1962) developed poroelastic wave theory, predicting fast and slow compressional modes. Later, Pride (1994) coupled poroelasticity with Maxwell equations, showing homogeneous plane waves do not radiate EM fields, but contrasts at interfaces create streaming-current imbalances that launch EM waves. Subsequent studies validated interface-dipole behavior and examined sensitivity to porosity, permeability, and salinity, with transfer functions linking seismic displacement to co-seismic E and B fields.

Seismo-electric Effect

When a fast P wave encounters a water-saturated interface with contrasting anelastic or electrical properties, some energy converts to slow P waves, increasing rock–fluid relative motion. The out-of-phase motion of mobile ions in the fluid and bound ions on mineral surfaces drives streaming potentials and can radiate EM energy at interfaces.

Streaming-potential relation

$$phi = C * P$$

Where:

Symbol	Description
phi	electric potential response
C	electrokinetic coefficient
P	applied pressure

Seismo-electric Points of Difference

Reflection Seismology vs Electro-seismic

Aspect	Reflection Seismology	Electro-seismic
Sensors / layout	Many geophones in long strings	Single grounded dipole antenna
Site access	Often requires bush/fence clearing	No clearing or defencing necessary
Data character	Primarily lateral; vertical via processing	Vertical + lateral information
Effort & time	Labour intensive; time consuming	Not labour intensive; faster
Area suitability	Wide-area mapping; less practical for small projects	Works for small or large areas
Attenuation	Two-way travel attenuation	One-way seismic attenuation
Physics content	Mechanical data only	Mechanical and electrical data

Governing Equations

Coupled poroelastic–electromagnetic relations summarize stress, pore pressure, fluid/solid motion, current density, and EM induction. These explain how seismic energy drives electrokinetic currents and how interface contrasts radiate measurable EM signals.

Momentum Balance

Seismic waves in fluid-saturated porous media accelerate the solid frame and the pore fluid. The momentum balance equates stress divergence to inertial terms of both phases.

The left side is the divergence of total stress. The right side includes acceleration of the solid matrix and fluid relative to the frame. Interface contrasts are key: homogeneous plane waves do not radiate EM fields, but streaming-current imbalance at contrasts does.

Momentum balance

$$div(sigma) = p * ddot(u) + pf * ddot(w)$$

Where:

Symbol	Description
sigma	stress tensor
p	bulk density
u	solid displacement
pf	fluid density
w	relative fluid displacement

Stress–Strain Relationship

Stress reflects volumetric and shear strains of the frame, corrected by pore pressure coupling. For an isotropic linear solid:

Terms represent volumetric (bulk-like) response, deviatoric (shear) response, and pore-pressure contribution to total stress.

Stress–strain relation

$$sigma = lambda * (div(u)) * I + 2 * G * epsilon(u) - alpha * p_pore * I$$

Where:

Symbol	Description
lambda	
G	Lame and shear moduli
epsilon(u)	symmetric strain
alpha	Biot coefficient
p_pore	pore pressure
I	identity tensor

Biot Effective Stress

Pore pressure links to volumetric strain of the frame and fluid content change:

Volumetric strain and fluid-content changes produce pore-pressure variations that drive streaming currents and EM signals.

Biot effective stress

$$p_pore = M * (zeta - alpha * div(u))$$

Where:

Symbol	Description
M	Biot modulus
zeta	fluid content change
alpha	Biot coefficient

Fluid Flow (Relative)

Relative fluid motion is driven by electrokinetic forcing, pressure gradients, and inertial coupling with the accelerating frame:

First term: electro-osmotic/streaming effects; second: Darcy flow; third: inertial interaction with the accelerating frame.

Relative fluid flow

$$dot(w) = L_E * E - (k/eta) * grad(p_pore) - pf * b * ddot(u)$$

Where:

Symbol	Description
L_E	electrokinetic coupling
k	permeability
eta	viscosity
b	coupling factor

Seismo-electric Current Density

Current density includes Ohmic (conductive) and electrokinetic/inertial terms:

Pressure gradients drive streaming current; solid–fluid acceleration adds an inertial contribution under seismic excitation.

Current density

$$J = sigma_e * E + L_J * (-grad(p_pore) - pf * b * ddot(u))$$

Where:

Symbol	Description
sigma_e	effective conductivity
L_J	coupling coefficient

Maxwell Induction Laws

Time-varying EM fields couple into the electrokinetic response:

Induced E and H fields arise both from pressure-driven ionic motion (streaming) and direct induction associated with seismic perturbations.

Faraday

$$curl(E) = - dB/dt$$

Ampere–Maxwell

$$curl(H) = J + dD/dt$$

Constitutive

$$D = epsilon * E;\ \ B = mu * H$$

Electric Double Layer

At mineral–fluid interfaces an inner Stern layer (tightly bound counter-ions) and an outer Gouy–Chapman diffuse layer (mobile ions) form. Diffuse-layer ion distributions follow Boltzmann statistics and potential decays over the Debye length. Seismic-induced fluid motion perturbs these ions, producing streaming potentials.

The Stern layer sets boundary conditions; Gouy–Chapman mobile ions dominate the streaming-current response during seismic excitation.

Positive ion distribution

$$c_plus(x) = c0 * exp(- z * e * phi(x) / (kB * T))$$

Where:

Symbol	Description
c0	bulk concentration
z	ion valence
e	electron charge
phi	potential
kB	Boltzmann constant
T	temperature

Negative ion distribution

$$c_minus(x) = c0 * exp(+ z * e * phi(x) / (kB * T))$$

Potential decay

$$phi(x) = phi\_s * exp(- x / lambda\_D)$$

Where:

Symbol	Description
phi_s	surface potential
lambda_D	Debye length

Zeta Potential

Zeta potential is the potential at the shear plane and is central to streaming-potential generation when fluid flows past charged mineral surfaces. Dependencies include viscosity, permittivity, pore geometry, and the streaming current generated under pressure gradients.

Larger absolute zeta generally strengthens electrokinetic coupling and seismo-electric amplitudes.

Indicative relation

$$zeta \sim (eta/epsilon) * (Is / DeltaP) * (ell / A)$$

Where:

Symbol	Description
Is	streaming current
DeltaP	pressure drop
ell	
A	characteristic length/area

Electrokinetic Coupling

The streaming-current coupling coefficient links fluid flow to induced electric potential. It depends on water-phase permeability (hysteretic with saturation), fluid viscosity, and water conductivity; thus the coupling is nonlinear and shows hysteresis with saturation history.

Hysteresis in k(Sw) implies hysteresis in Csp(Sw), impacting wetting/drying cycles and dynamic saturation changes.

Streaming-potential coupling

$$Csp(Sw) \sim [k(Sw) / (eta * sigma\_w(Sw))] * g(zeta)$$

Where:

Symbol	Description
Sw	water saturation
k	permeability
sigma_w	water conductivity

Hydraulic Conductivity

Hydraulic conductivity K is the amount of water that flows through a cross-section of an aquifer under a hydraulic gradient.

Pore-space K is estimated per formation; matrix K applies conservative multipliers for fracturing, sediments, and dual-porosity effects.

Darcy law

$$K = Q / (A * i)$$

Where:

Symbol	Description
Q	flow rate
A	area
i	hydraulic gradient

Conservative Correction Factors (K)

Flow mechanism	Conservative value
Fracture height	0.25 mm
Fracture roughness factor	0.5
Sedimentary correction multiplier	x10
Dual-porosity correction multiplier	x100

Transmissivity

Transmissivity T integrates K across aquifer thickness b.

Pore-space T is reported per formation; matrix T includes conservative corrections for fractures, sediments, and dual porosity.

Transmissivity

$$T = K * b$$

Conservative Correction Factors (T)

Flow mechanism	Conservative value
Fracture height	0.25 mm
Fracture roughness factor	0.5
Sedimentary correction multiplier	x10
Dual-porosity correction multiplier	x100

Permeability

Permeability k measures the medium's ability to transmit fluid and depends on flow-path configuration and effective pore diameter.

Matrix k includes conservative corrections where fractures, sediments, and dual-porosity flow are indicated.

Conceptual relation

$$k \sim C * D^2$$

Where:

Symbol	Description
C	flow-path configuration
D	effective pore diameter

Conductivity relation

$$k = (K * eta) / (p * g)$$

Where:

Symbol	Description
eta	viscosity
p	fluid density
g	gravity

Conservative Correction Factors (k)

Flow mechanism	Conservative value
Fracture height	0.25 mm
Fracture roughness factor	0.5
Sedimentary correction multiplier	x10
Dual-porosity correction multiplier	x100

Diffusivity

Hydraulic diffusivity D is T divided by storativity, or K divided by specific storativity in confined settings.

For a compressed sample with loading efficiency approx 1:

Diffusivity

$$D = T / S = K / Ss$$

Axial displacement form

$$Delta\_w = f(Delta\_sigma\_z, c\_m, t, gamma, D)$$

Where:

Symbol	Description
gamma	loading efficiency

Approximation (gamma ~ 1)

$$D \sim (Delta\_w * sigma\_z) / (c\_m * t)$$

Storativity

Storativity S equals specific storativity times saturated thickness b for homogeneous media; it can also be the released water volume per unit head decline per unit area.

S vs Ss

$$S = Ss * b$$

Volume–head form

$$S = (DeltaVw / DeltaH) * (1 / A)$$

Specific Storage

Specific storativity Ss is the volume of water released per unit aquifer volume per unit head decline (units 1/length).

Ss (measurable properties)

$$Ss = p * g * (alpha + n * beta)$$

Where:

Symbol	Description
p	water density
g	gravity
alpha	rock compressibility
beta	water compressibility
n	porosity

Groundwater Conductivity

Groundwater electrical conductivity sigma_w depends on ionic content; higher sigma_w increases electrokinetic coupling.

Conductivity (ionic sum)

$$sigma\_w \sim sum\_i(z\_i * c\_i * mu\_i * F)$$

Where:

Symbol	Description
z_i	valence
c_i	concentration
mu_i	mobility
F	Faraday constant

Groundwater Temperature

Temperature modifies viscosity and conductivity and therefore the coupling strength. Viscosity often follows an Arrhenius-like dependence:

Arrhenius-like viscosity

$$eta(T) ~ eta0 * exp(Ea / (R * T))$$

Where:

Symbol	Description
eta0	reference viscosity
Ea	activation energy
R	gas constant

Density

Density p is mass per unit volume. For porous rocks, bulk density averages solids and void space.

Density

$$p = m / V$$

Bulk fraction

$$V = Vs + Vv$$

Where:

Symbol	Description
Vs	solids volume
Vv	voids volume

Porosity

Porosity n is the void fraction of a porous material (0 to 1).

Porosity

$$n = V_voids / V_total$$

Specific Volume

Specific volume v is volume per unit mass (inverse of density).

Specific volume

$$v = 1 / p$$

Shear Modulus

Shear modulus G is shear stress over shear strain.

Shear modulus

$$G = tau / gamma$$

Bulk Modulus

Bulk modulus K is resistance to uniform compression:

Bulk modulus

$$K = Delta_p / (DeltaV / V)$$

Young's Modulus

Young's modulus E is tensile stress over tensile strain; it also relates force and displacement.

Young's modulus

$$E = sigma / epsilon$$

Force–displacement

$$F = (E * A0 / L0) * DeltaL$$

Compressibility

Compressibility is the inverse of bulk modulus:

Compressibility

$$chi = 1 / K$$

Lame Constants

Lame parameters (lambda, mu) relate to elastic moduli and velocities; mu equals G (shear modulus).

Elastic relations

$$E = 2 * G * (1 + nu), \quad K = E / [3 * (1 - 2 * nu)], \quad lambda = K - 2 * G / 3$$

Velocity relations

$$Vp = sqrt((K + 4 * G / 3) / p), \quad Vs = sqrt(G / p)$$

Poisson's Ratio

Poisson's ratio nu measures lateral contraction over longitudinal extension; it can be given via moduli or velocities:

Poisson

$$nu = (3 * K - 2 * G) / (2 * (3 * K + G)) = (Vp^2 - 2 * Vs^2) / (2 * (Vp^2 - Vs^2))$$

Acoustic Impedance

Acoustic impedance is density times compressional velocity and controls reflection/transmission.

Impedance

$$Z = p * Vp$$

Transmission loss (concept)

$$L_T ~ 20 * log10((2 * Z1) / (Z1 + Z2))$$

Reflection loss (concept)

$$L_R ~ 20 * log10((Z2 - Z1) / (Z1 + Z2))$$

Clay Content

Clay content influences electrical properties via cation exchange capacity (CEC), often enhancing electrokinetic coupling in clay-rich formations.

CEC indicator

$$CEC ~ f(clay_percent)$$

Where:

Symbol	Description
higher	clay% -> higher CEC

Frenzel Radius

Frenzel radius rF is a conceptual radius concentrating seismic energy around a source and scales with wavelength.

Frenzel radius

$$rF ~ O(lambda)$$

Standard Penetration Test Number (SPTN)

SPTN is the number of blows to drive a sampler 30 cm; corrected SPT (N60) accounts for energy, borehole diameter, rod length, and sampler corrections.

Corrected SPT

$$N60 = N * CE * CB * CR * CS$$

SPTN – Soil Packing / Relative Density

SPTN	Soil Packing	Relative Density (%)
< 4	Very Loose	< 20
4 - 10	Loose	20 - 40
10 - 30	Compact	40 - 60
30 - 50	Dense	60 - 80
> 50	Very Dense	> 80

Rock Quality Designation (RQD)

RQD is the percent of intact core pieces >= 10 cm over total core run, indicating rock mass quality.

RQD

$$RQD\_percent = 100 * (sum(lengths >= 10\ cm) / core\_run\_length)$$

RQD – Rock Mass Quality

RQD (%)	Rock mass quality
< 25%	Very poor
25 - 50%	Poor
50 - 75%	Fair
75 - 90%	Good
90 - 100%	Excellent

Micro Fracturing

Micro-fractures reduce acoustic velocities at low pressure; they close progressively with confining pressure.

Velocity–pressure trend (schematic)

$$Vp(P) \sim V0 - Vdif + Kv * (P - P0)$$

Where:

Symbol	Description
non-linear	at low P until micro-fractures close

Fracture Flow

Flow through fractures is often approximated by the cubic law:

Cubic law

$$Q = (b^3 / (12 * eta)) * (DeltaP / L) * W$$

Where:

Symbol	Description
b	aperture
W	width
L	length
eta	viscosity

Compressional Velocity

Kinematic definition and elastic relation:

Kinematics

$$Vc = Delta\_x / Delta\_t$$

Elastic relation

$$Vp = sqrt((K + 4 * G / 3) / p)$$

Shear Velocity

Kinematic definition and elastic relation:

Kinematics

$$Vs = Delta\_x / Delta\_t$$

Elastic relation

$$Vs = sqrt(G / p)$$

Interpretations (AI-Assisted)

AI methods interpret geohydrological and geotechnical indicators to estimate lithology and aquifer type or condition.

Interpreted Lithology (Formation Type)

Lithology is interpreted from estimated geotechnical properties and compared against averaged rock-property databases.

Lithology Descriptors

Lithology	Descriptor
Soil	SL
Unconsolidated Sediment	US
Volcanics	VO
Conglomerates	CO
Consolidated Sediments	CS
Igneous	IG
Salt	ST
Mafic	MA
Metamorphic	ME
Ultra Mafic	UM

Condition

Formation condition classes inferred from geotechnical indicators and literature references:

Condition Descriptors

Condition	Descriptor(s)
Soil	1
Fine grained	2
Coarse grained	3
Fractured	4-6-8-10-12-14
Porous	5
Weathered	5-7-9-11-13-15
Unaltered	16

Interpreted Aquifer Classification (Aquifer Type)

Aquifer types are interpreted from combined geohydrological and lithological properties at the sounding location.

Aquifer Classification Descriptors

Aquifer Class	Descriptor
Ultra-Mafic Rock Aquifer	UM
Fractured Ultra Mafic Rock Aquifer	FU
Metamorphic Rock Aquifer	MP
Fractured Metamorphic Rock Aquifer	FP
Weathered Mafic Rock Aquifer	WM
Fractured Mafic Rock Aquifer	FM
Weathered Igneous Rock Aquifer	WI
Fractured Igneous Rock Aquifer	FI
Conglomerate Aquifer	CA
Fractured Conglomerate Aquifer	FC
Volcanic Rock Aquifer	VA
Fractured Volcanic Rock Aquifer	FV
Sedimentary Rock Aquifer	SR
Fractured Sedimentary Rock Aquifer	FS
Unconsolidated Dual Porosity Sedimentary Aquifer	DP
Unconsolidated Sedimentary Aquifer	SA
Saturated Soil Aquifer	SS

Aquifer Types

Unconfined, confined, perched, and artesian aquifers produce distinct seismo-electric responses based on pressure distribution and connectivity.

- Unconfined: water table open to atmosphere; signals reflect porosity/permeability and delineate the water table.
- Confined: bounded by aquitards with water under pressure; typically stronger signals (higher pressure gradients).
- Perched: localized saturation above the main water table; produces localized anomalies.
- Artesian: elevated head in confined settings; often high-amplitude, rapid-rise responses.

Apparent Resistivity

Electrical resistivity characterizes resistance to current (ohm meter).

Apparent resistivity

$$rho_e = R * (A / L)$$

Where:

Symbol	Description
R	resistance
A	area
L	length

GIS Parameters

Global GIS data sets provide generalized context around an investigation site. They are not used in quantitative evaluation or interpretation of the seismo-electric, geohydrological, geological, or geotechnical data; instead they give regional context for findings and recommendations.

Satellite Imagery

Used to assess survey locations relative to infrastructure, dams, rivers, coastlines, mountains, and similar features. The map shows survey points with labels and recommended drilling locations ranked by index. A control can show only recommended points. Map and survey-point data can be downloaded. Mouse-hover coordinates (WGS84 decimal degrees) appear at top right; a scale bar appears at bottom right. When a survey point is selected, a popup shows point number, recommendation index, latitude and longitude, elevation (masl), sustainable, maximum, and minimum yield estimates (L/s) for the user-defined depth range, static groundwater level (mbgl), recommended maximum drilling depth (mbgl), overall risk percentage, confidence, correlation, and signal-to-noise ratio.

Lithology (GIS Layer)

Shows surface lithology around the survey area to indicate the basic lithology at survey points. Points and recommended drilling indices are labeled; a scale bar is shown.

Faulting

Shows survey locations relative to regional fault structures beneath the area. Recommended drilling locations are labeled and ranked; a scale bar is shown.

Water Shed

Shows watershed boundaries around the survey area to indicate natural groundwater flow directions. Recommended drilling locations are labeled and ranked; a scale bar is shown.

Regional Aquifer Classification (GIS)

Shows survey locations relative to known aquifers surrounding the area to provide a qualitative indication of possible aquifer quality. Recommended drilling locations are labeled and ranked; a scale bar is shown.

Static Groundwater Level (GIS)

Shows survey locations relative to static groundwater levels around the area to give context on potential water table depths. Recommended drilling locations are labeled and ranked; a scale bar is shown.

Saline Aquifers (GIS)

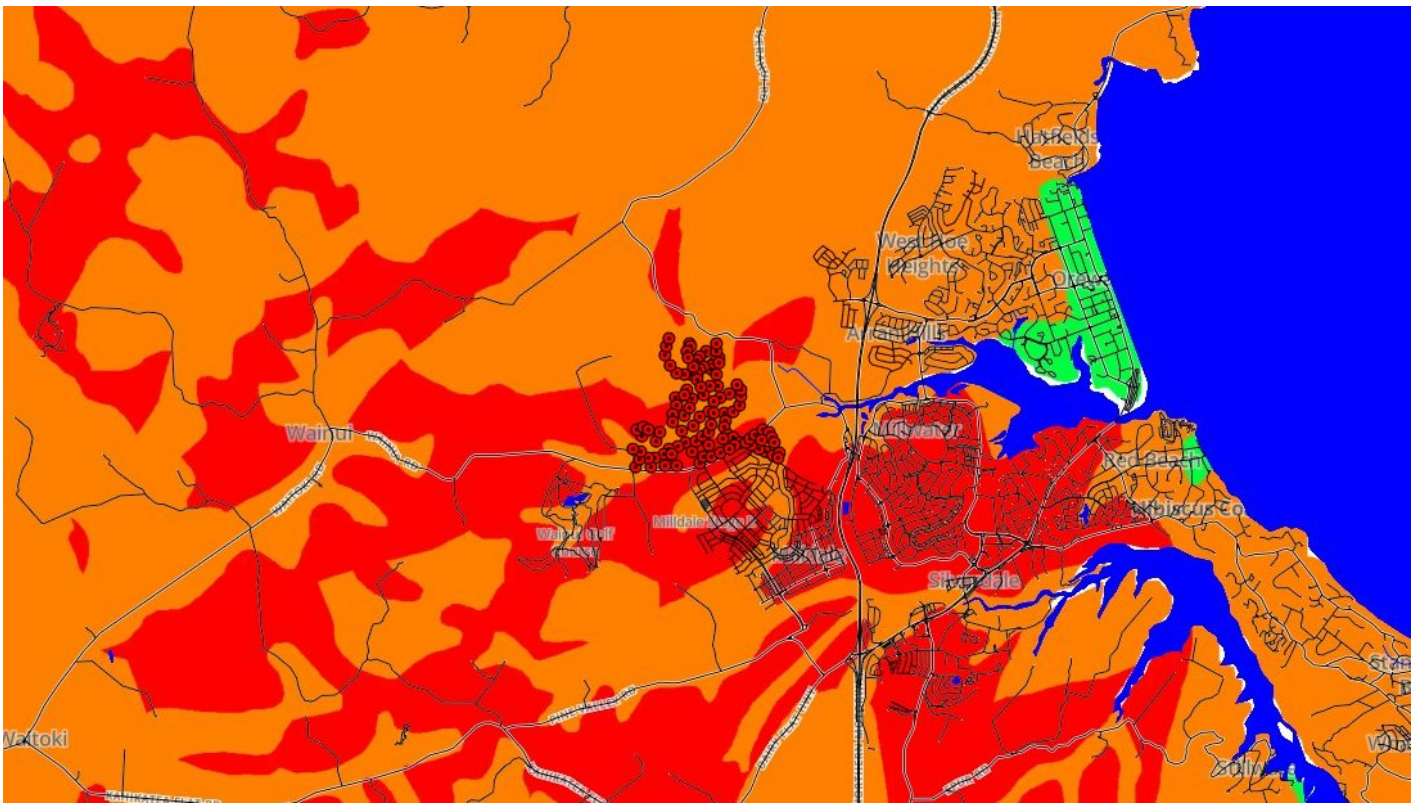
Gives insight into the possibility of saline aquifers in the area around the survey site. Recommended drilling locations are labeled and ranked; a scale bar is shown.

Geothermal Resources (GIS)

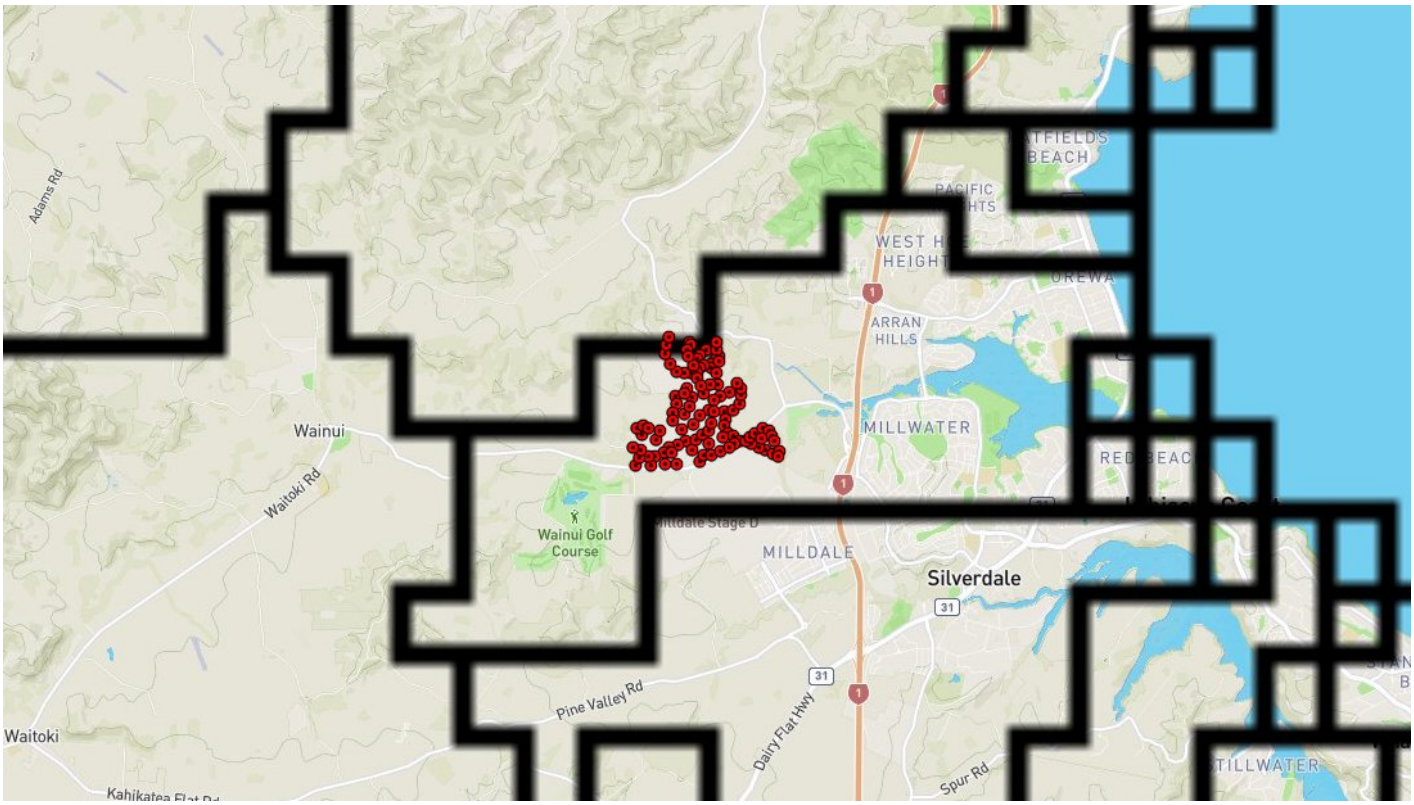
Provides insight into geothermal resources beneath and around the survey site and whether the area has potential for geothermal formations or overlaps known geothermal fields. Recommended drilling locations are labeled and ranked; a scale bar is shown.

GIS Maps

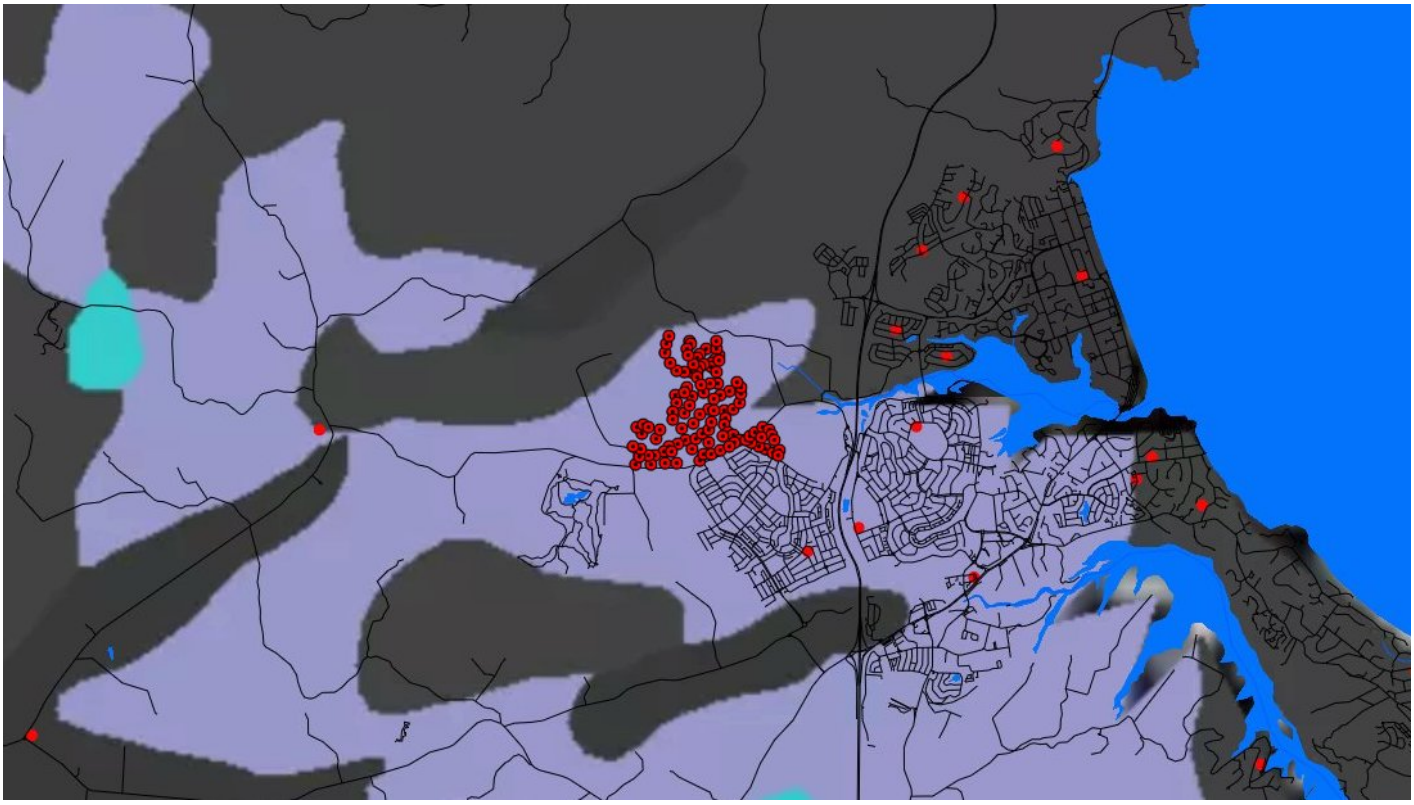
Aquifer Classification



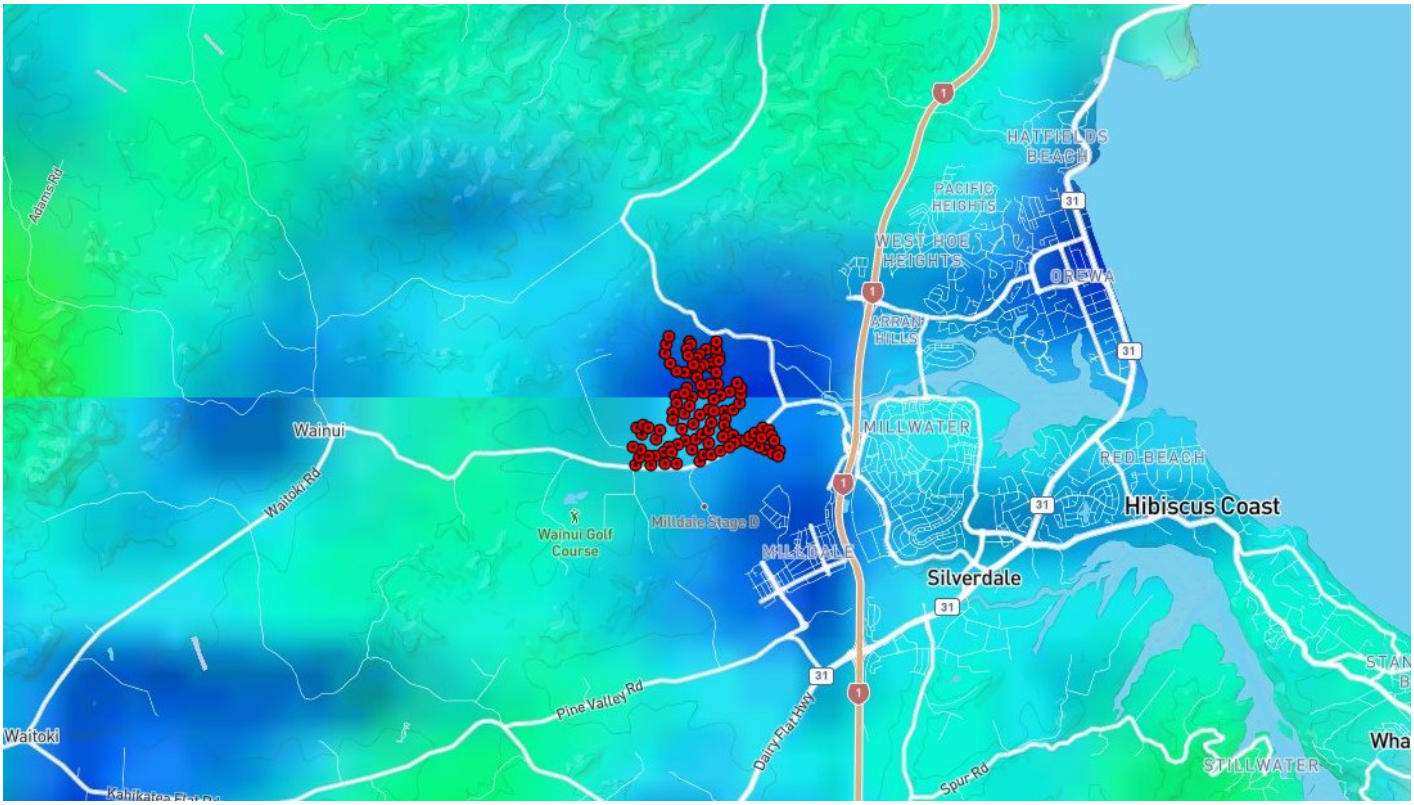
Water Sheds



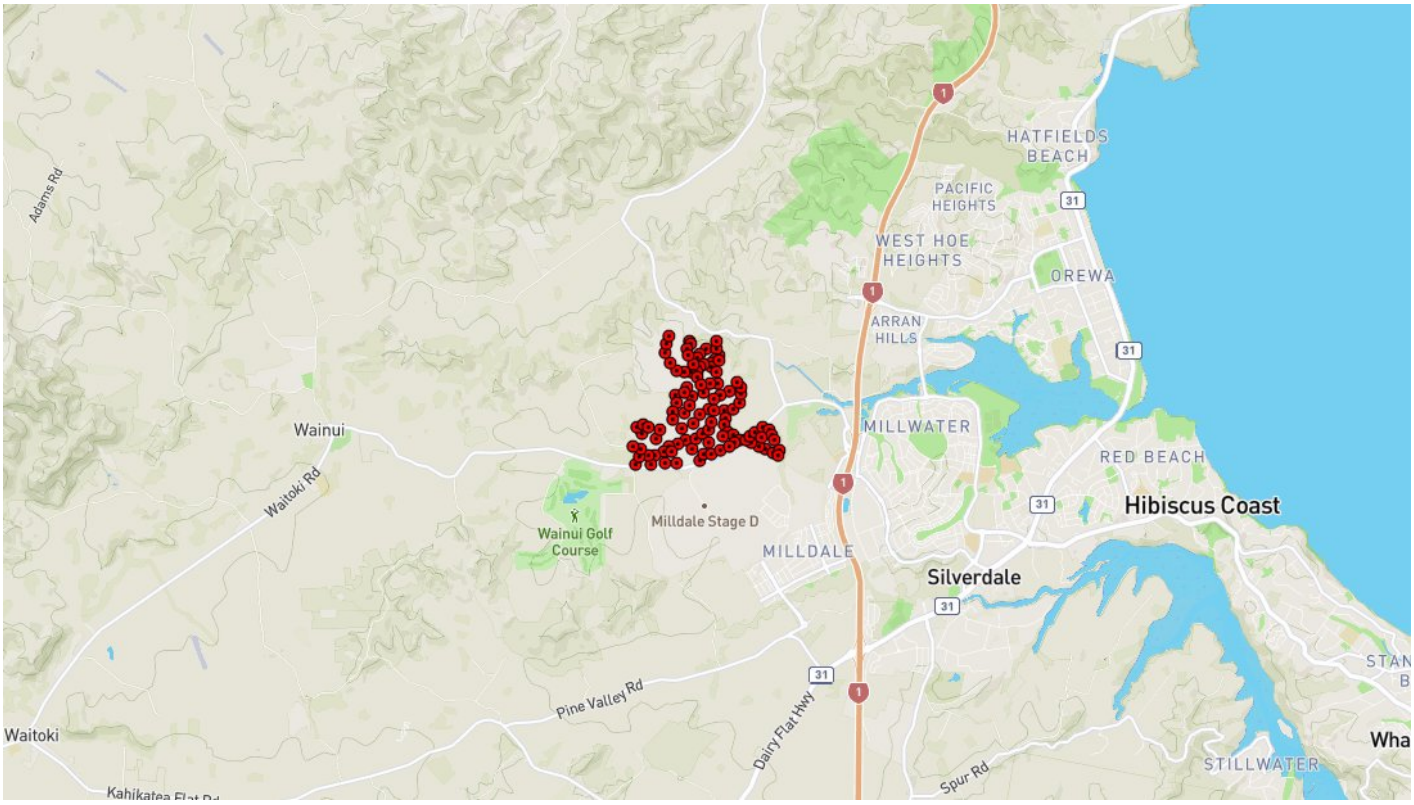
Lithology



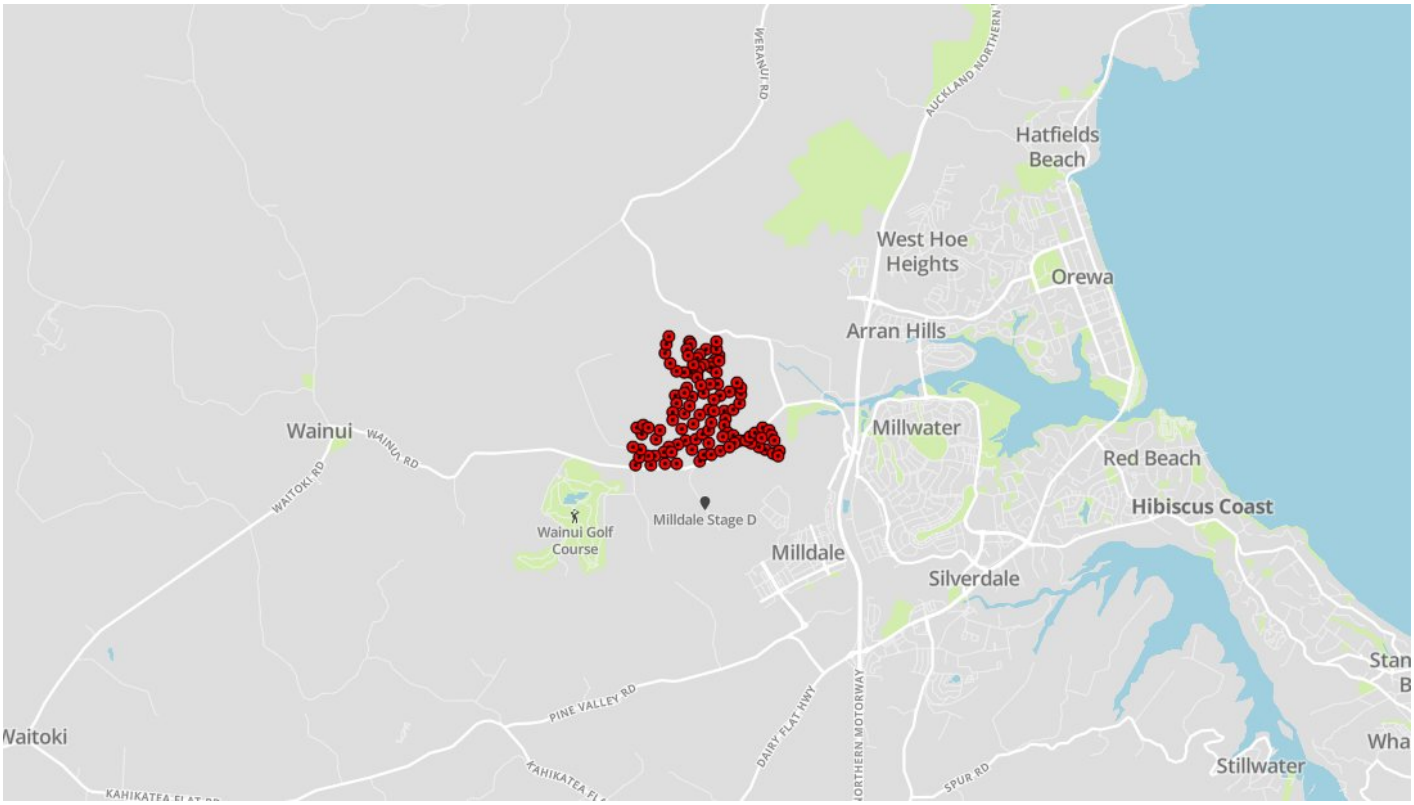
Groundwater Level



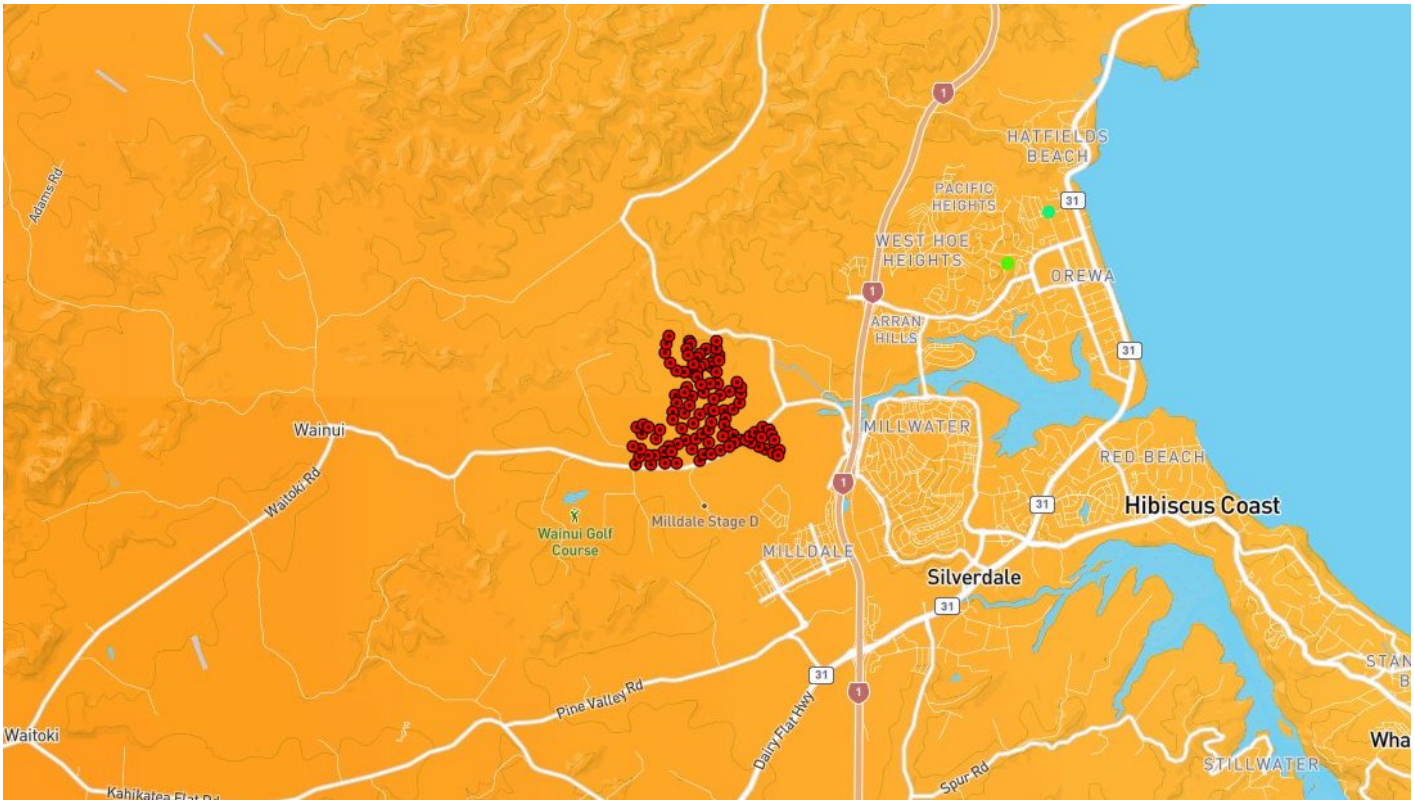
Faulting



Saline Aquifers

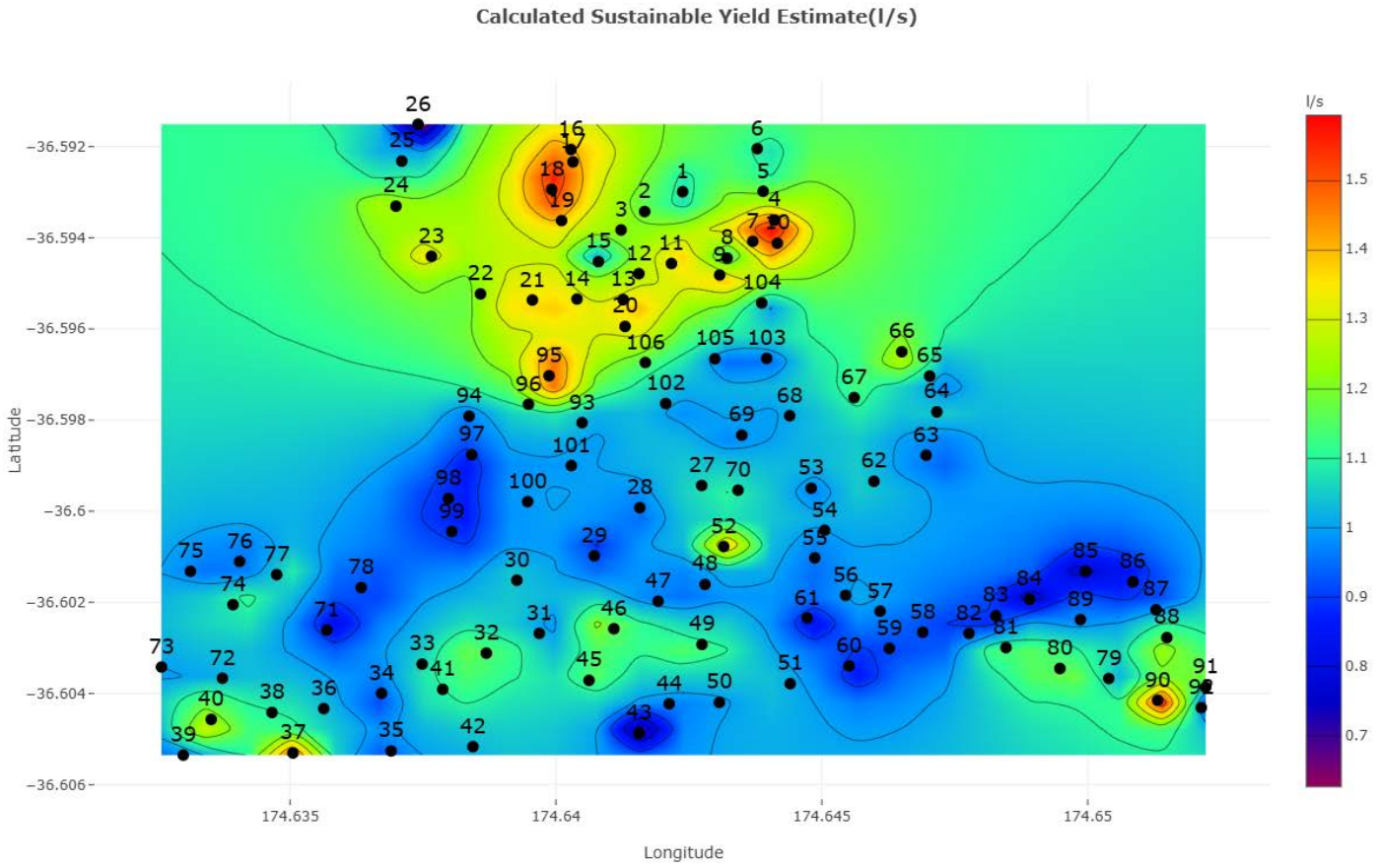


Geothermal Maps

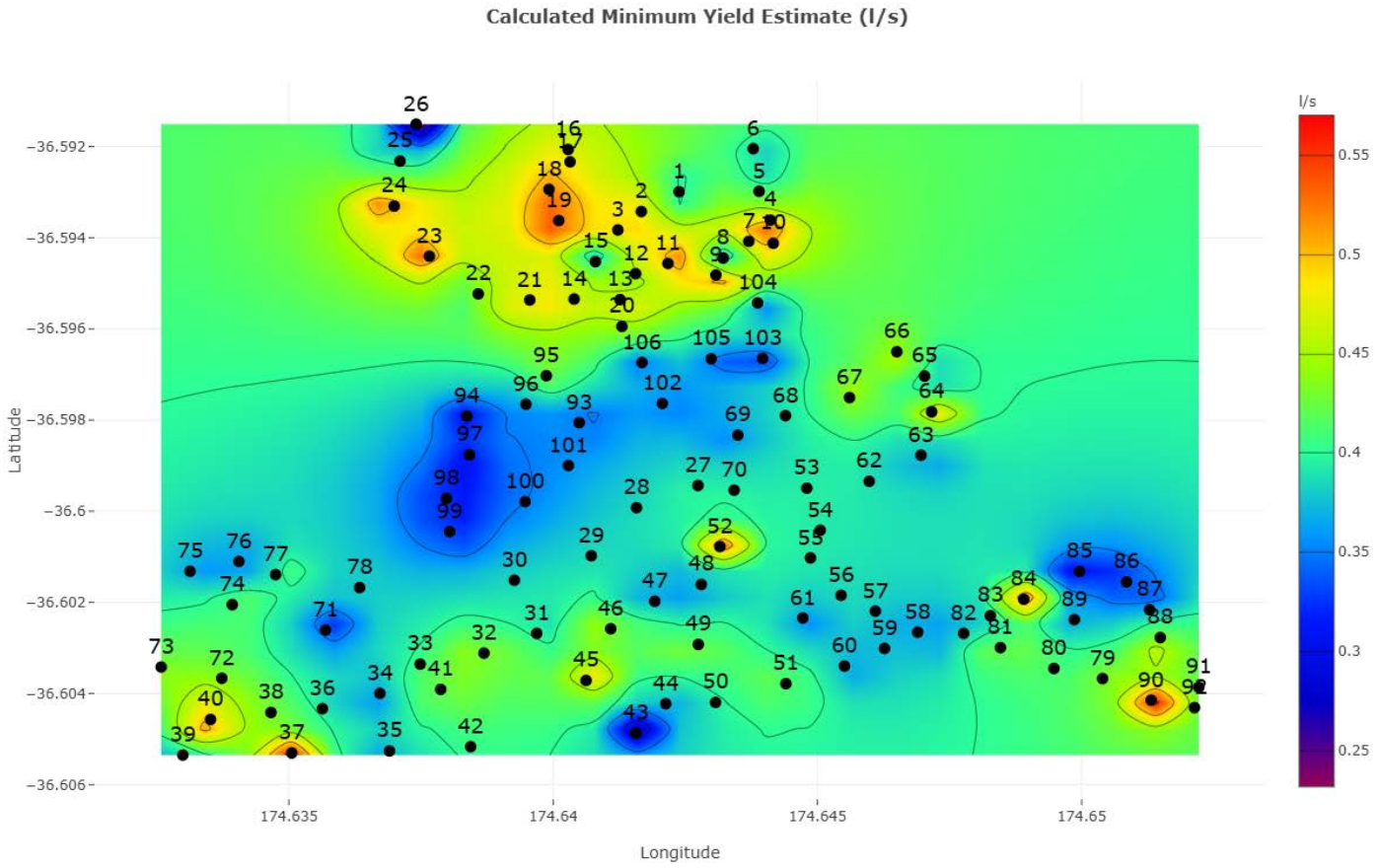


Site Parameter Maps

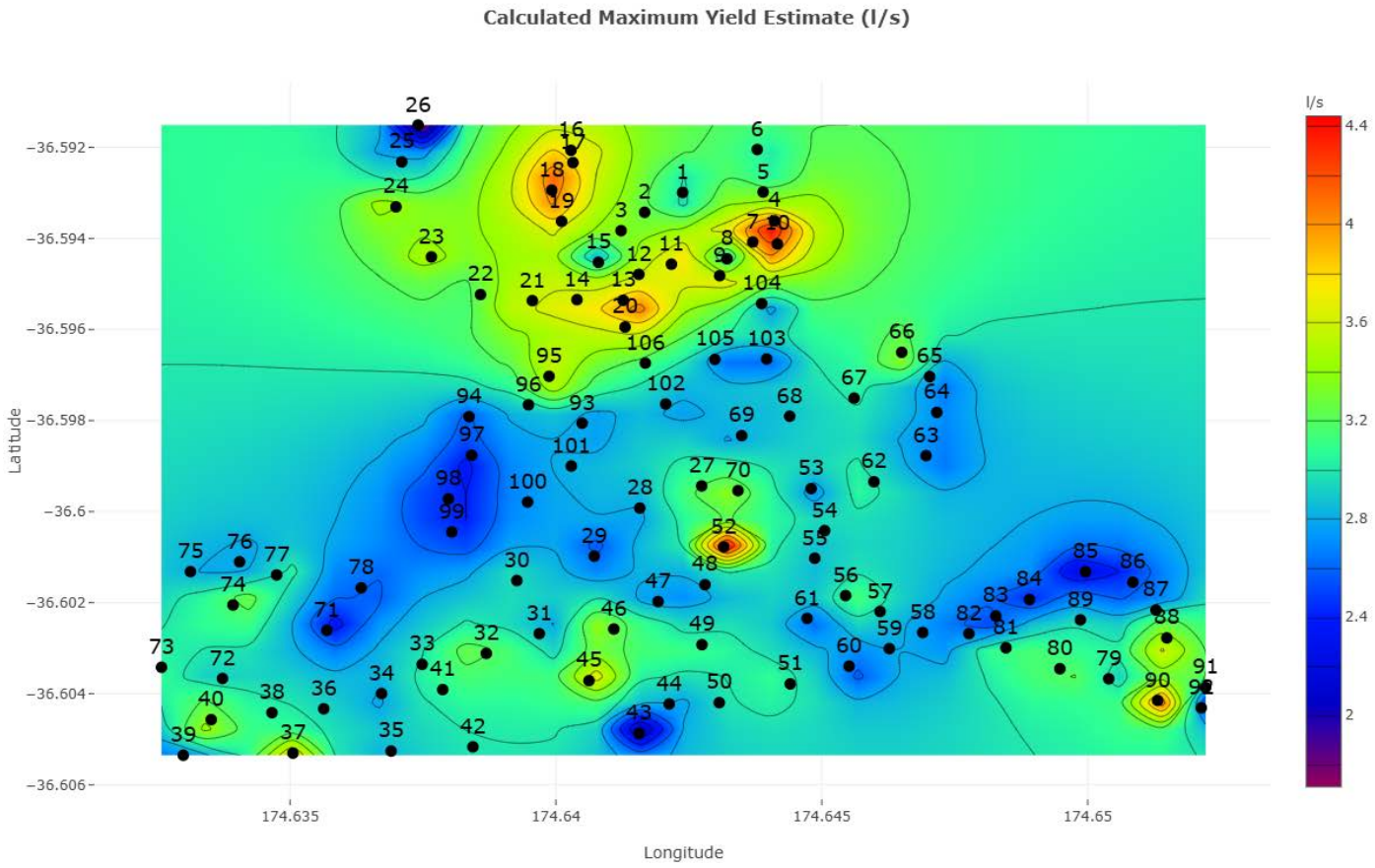
Sustainable Yield



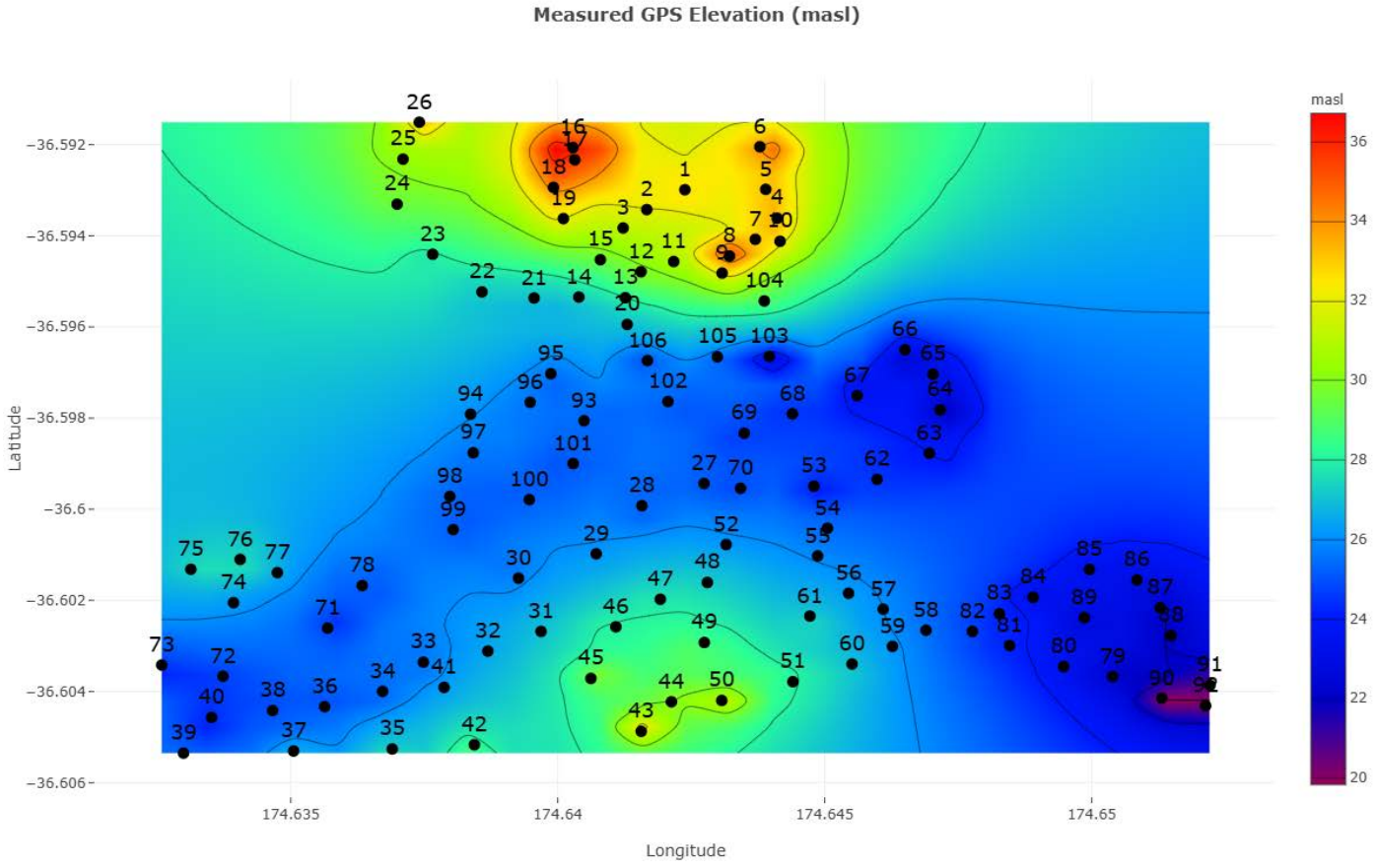
Minimum Yield



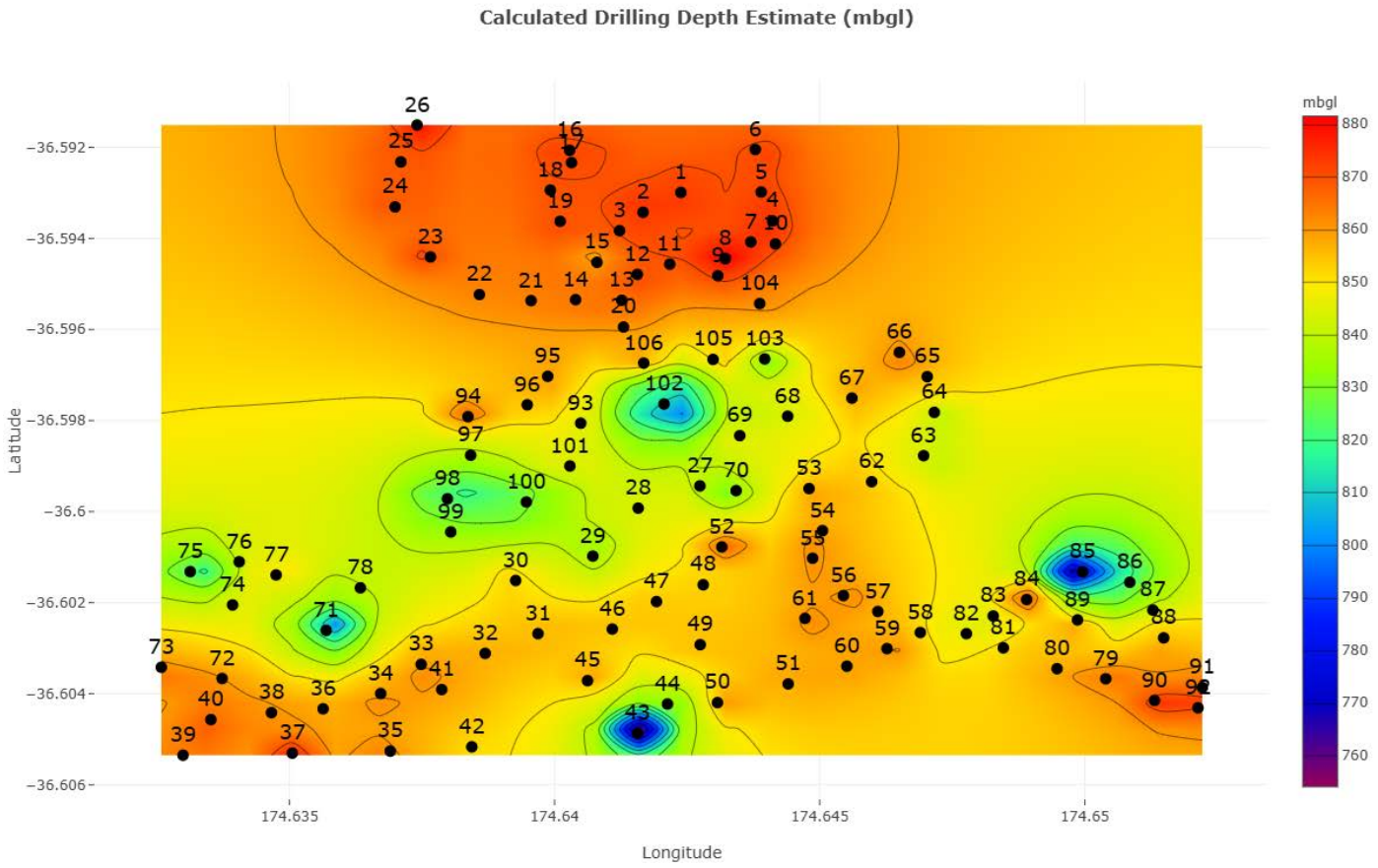
Maximum Yield



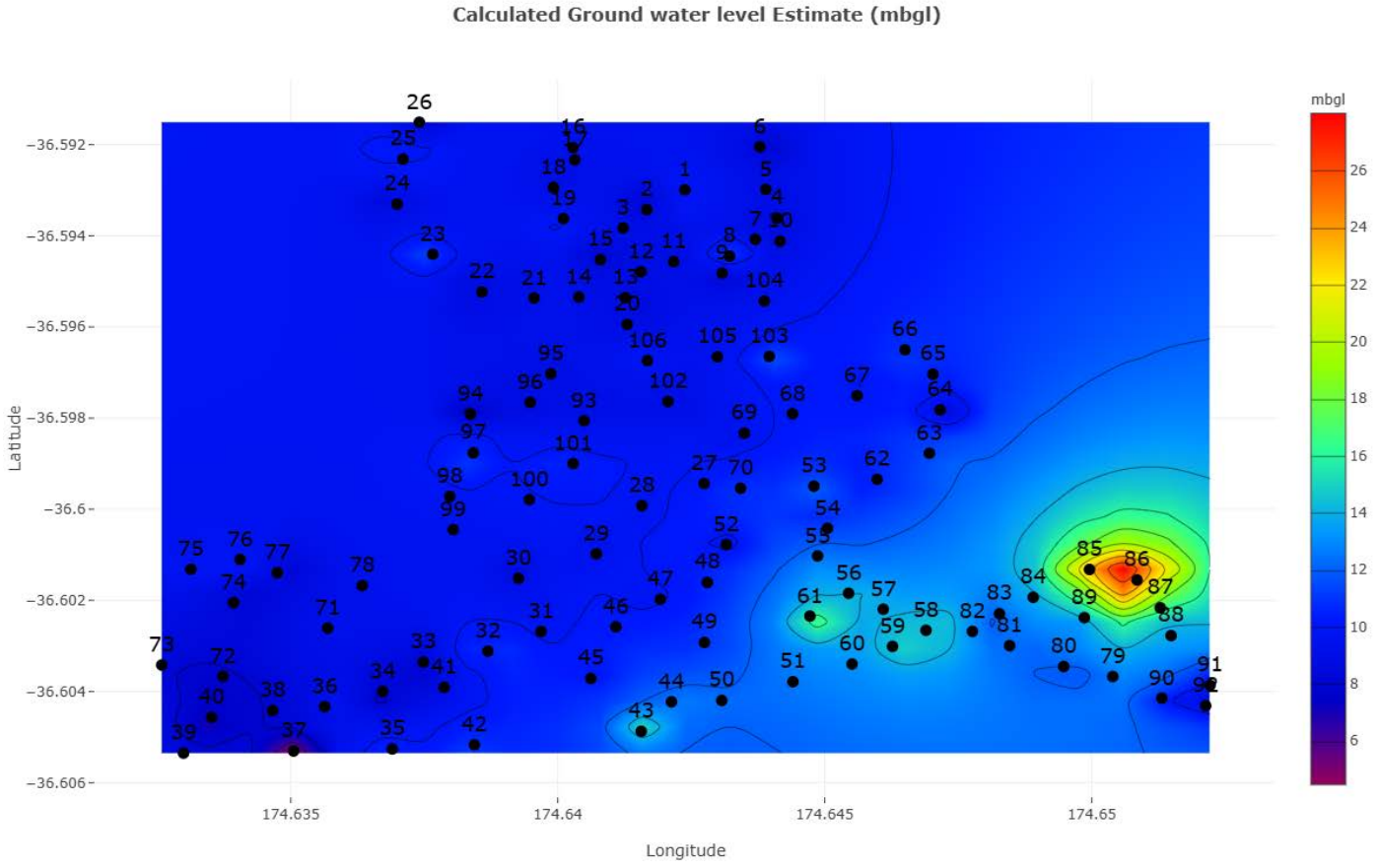
GPS Elevation



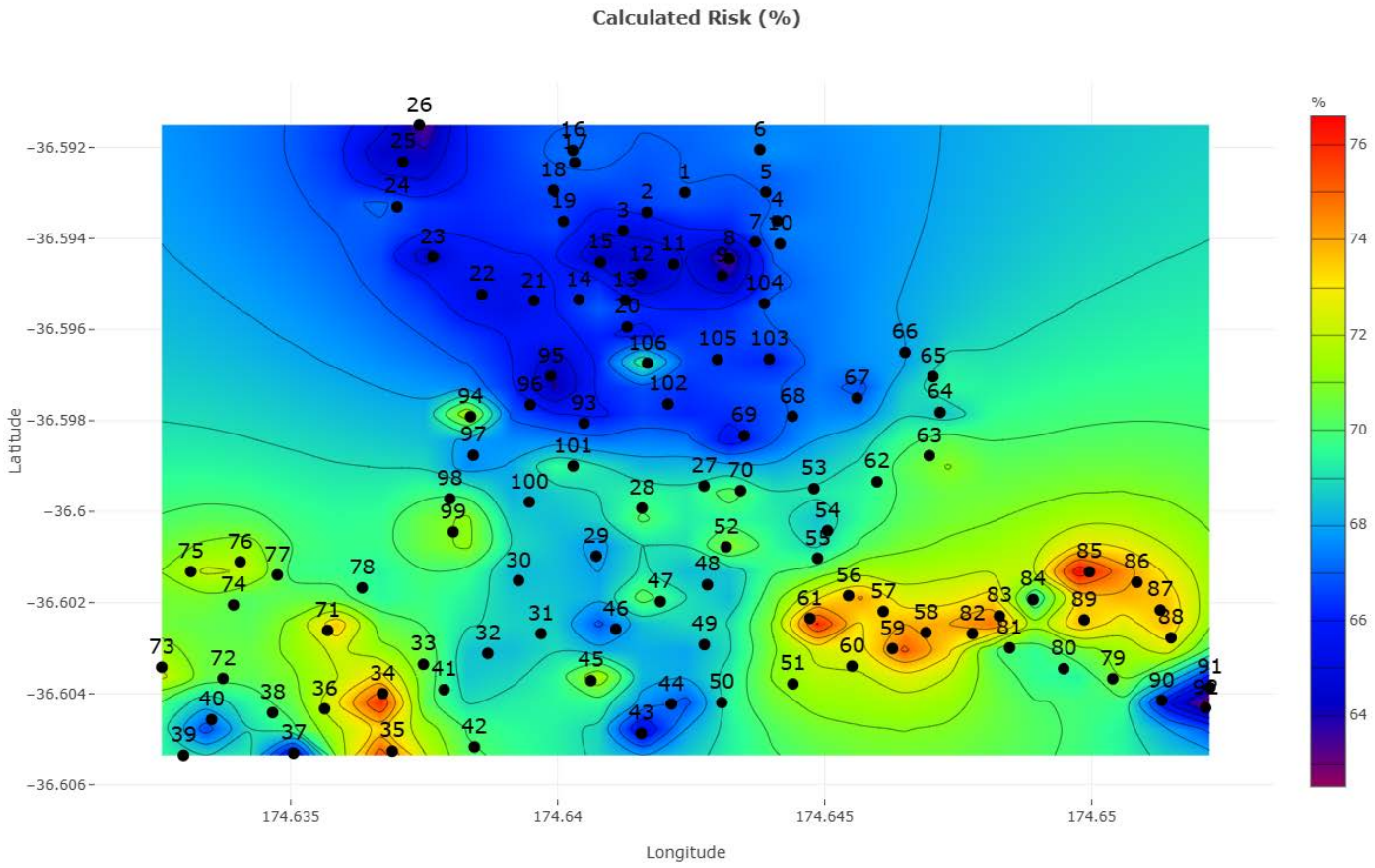
Drilling Depth



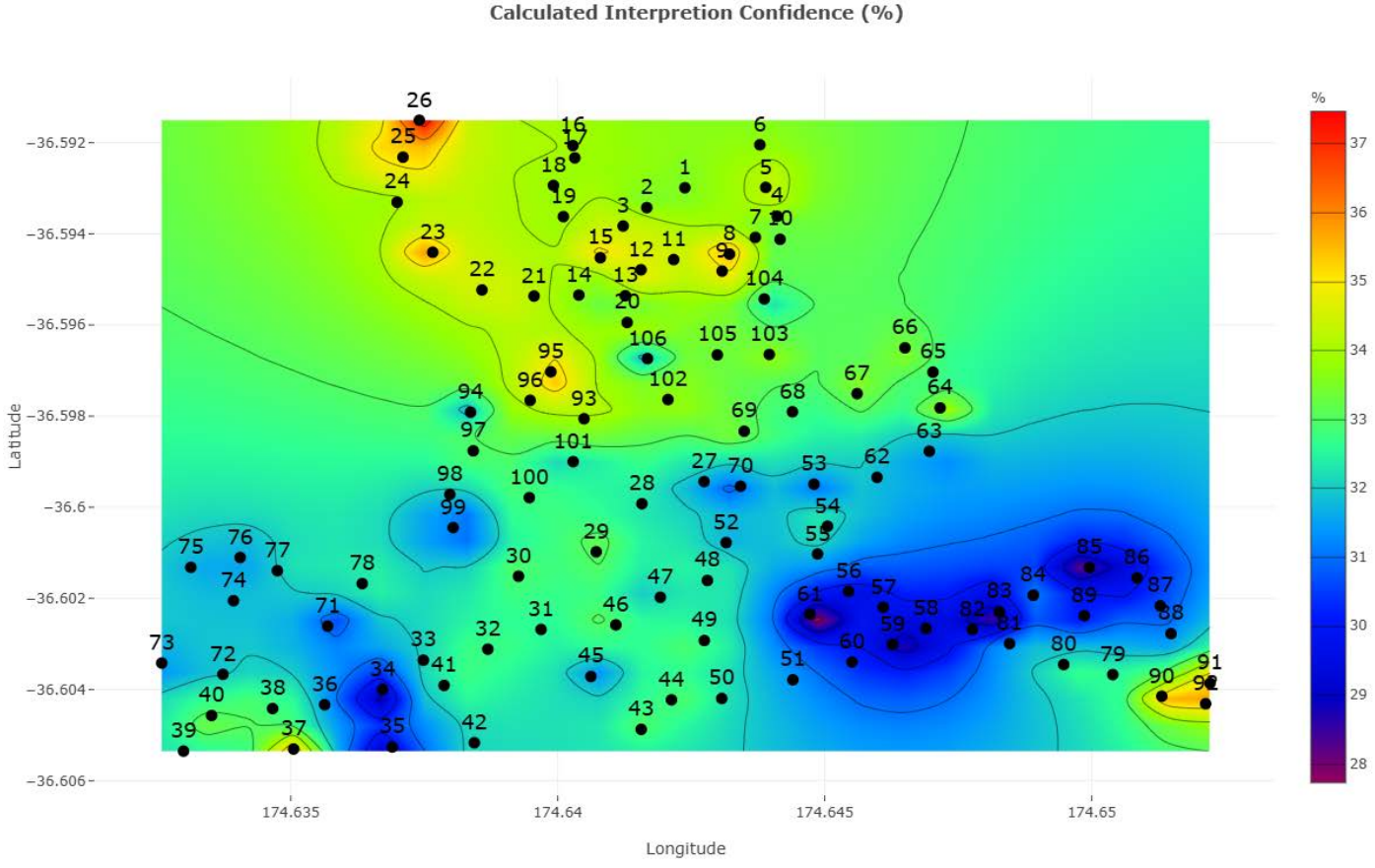
Ground water level



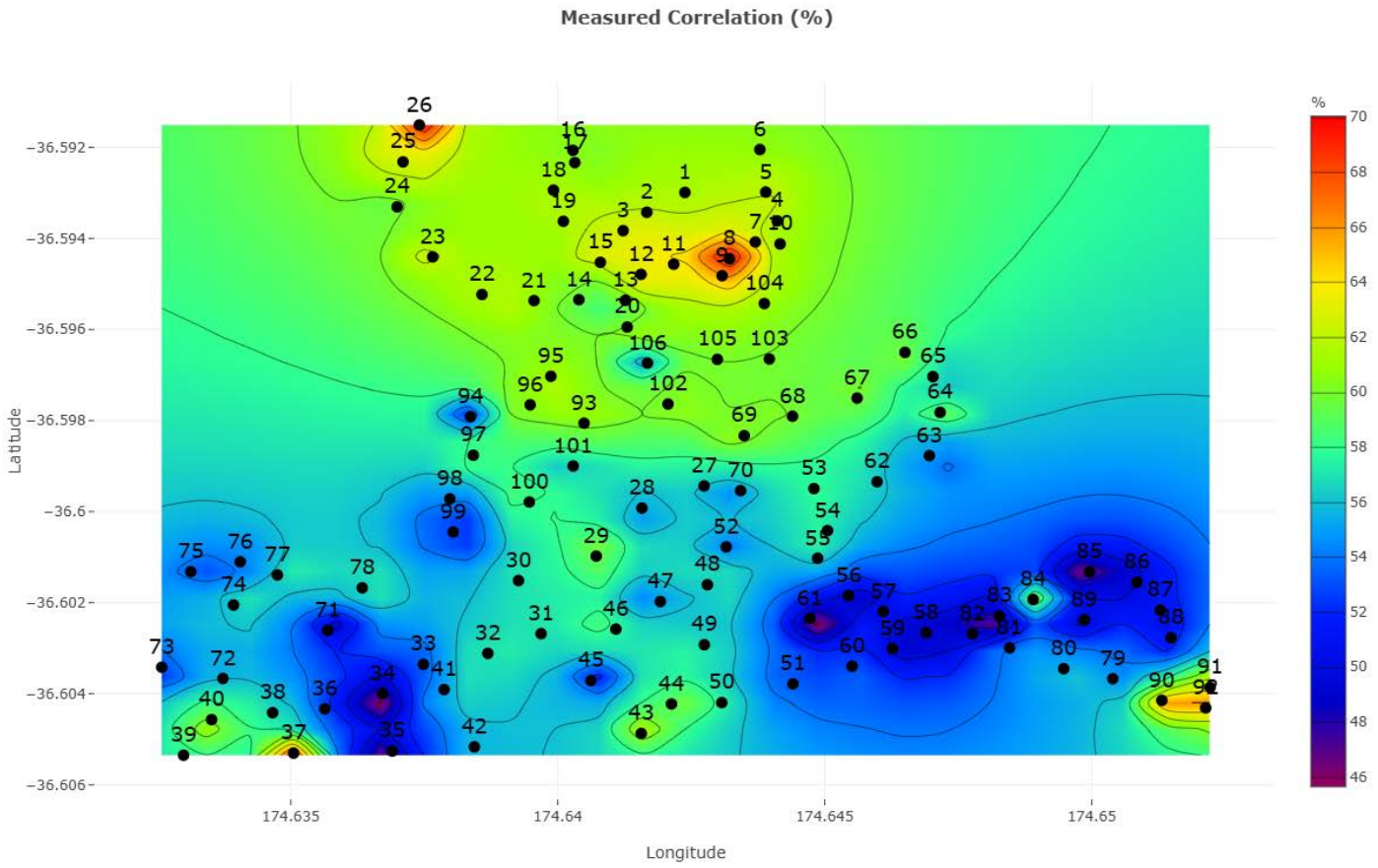
Risk



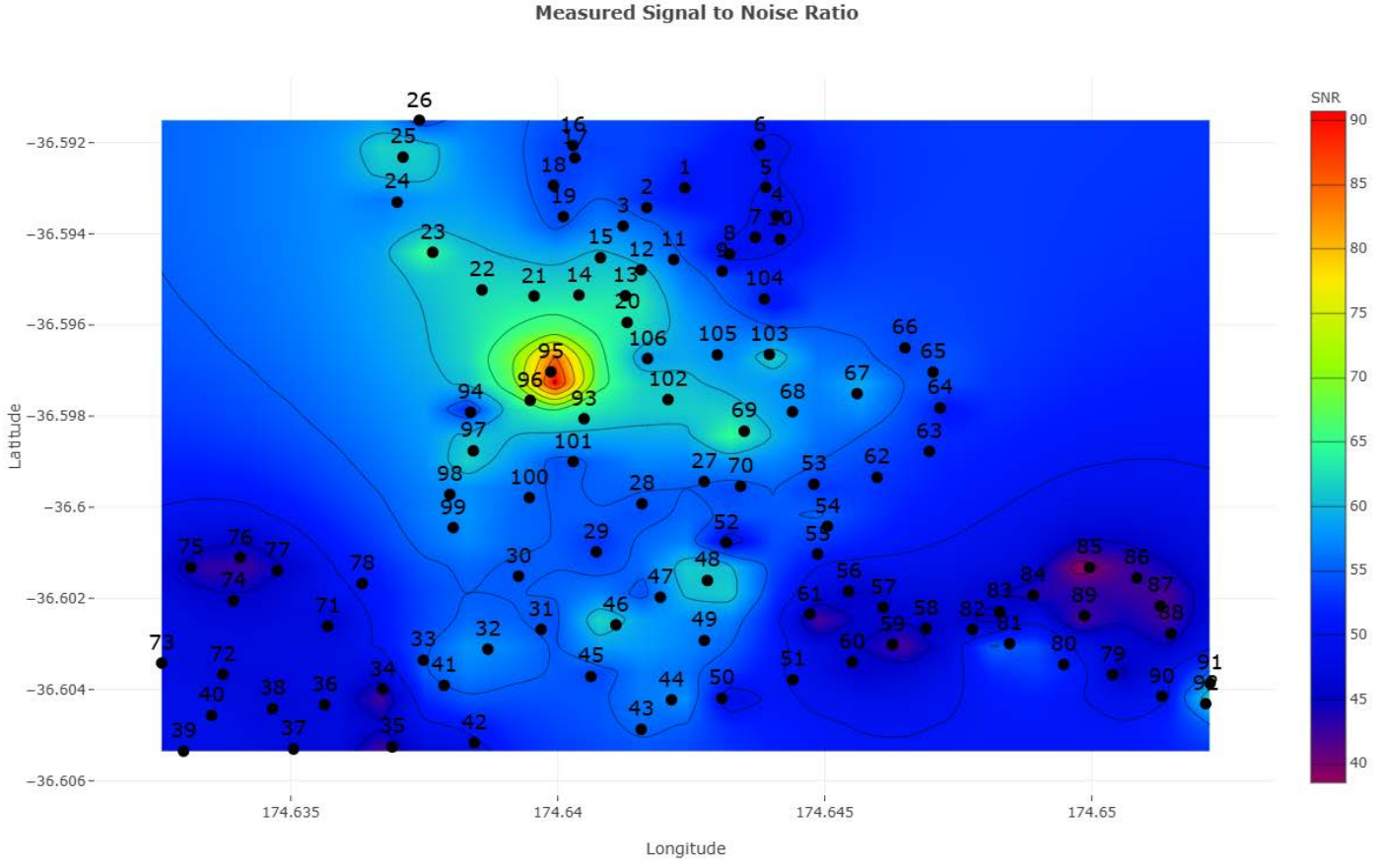
Confidence



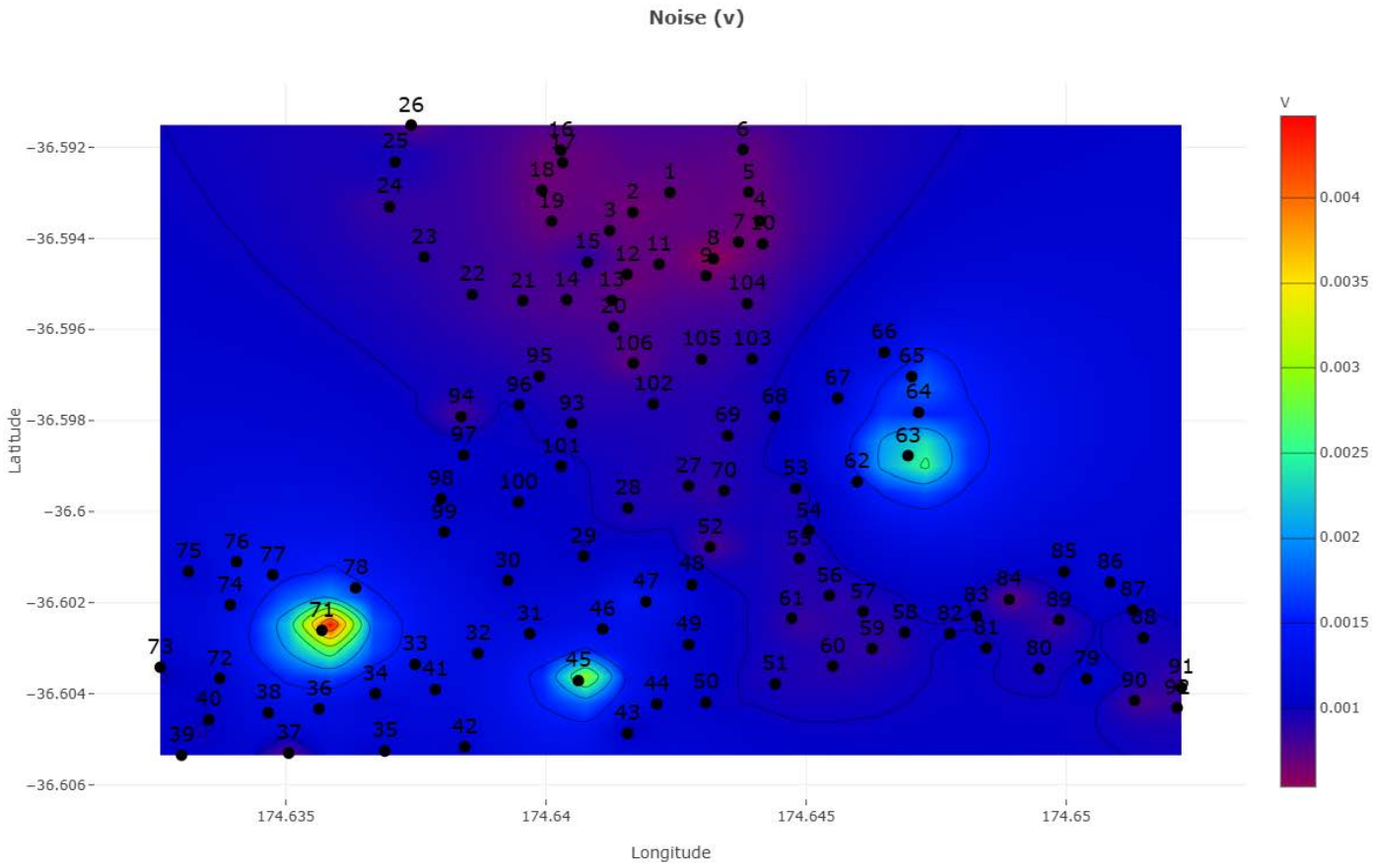
Correlation



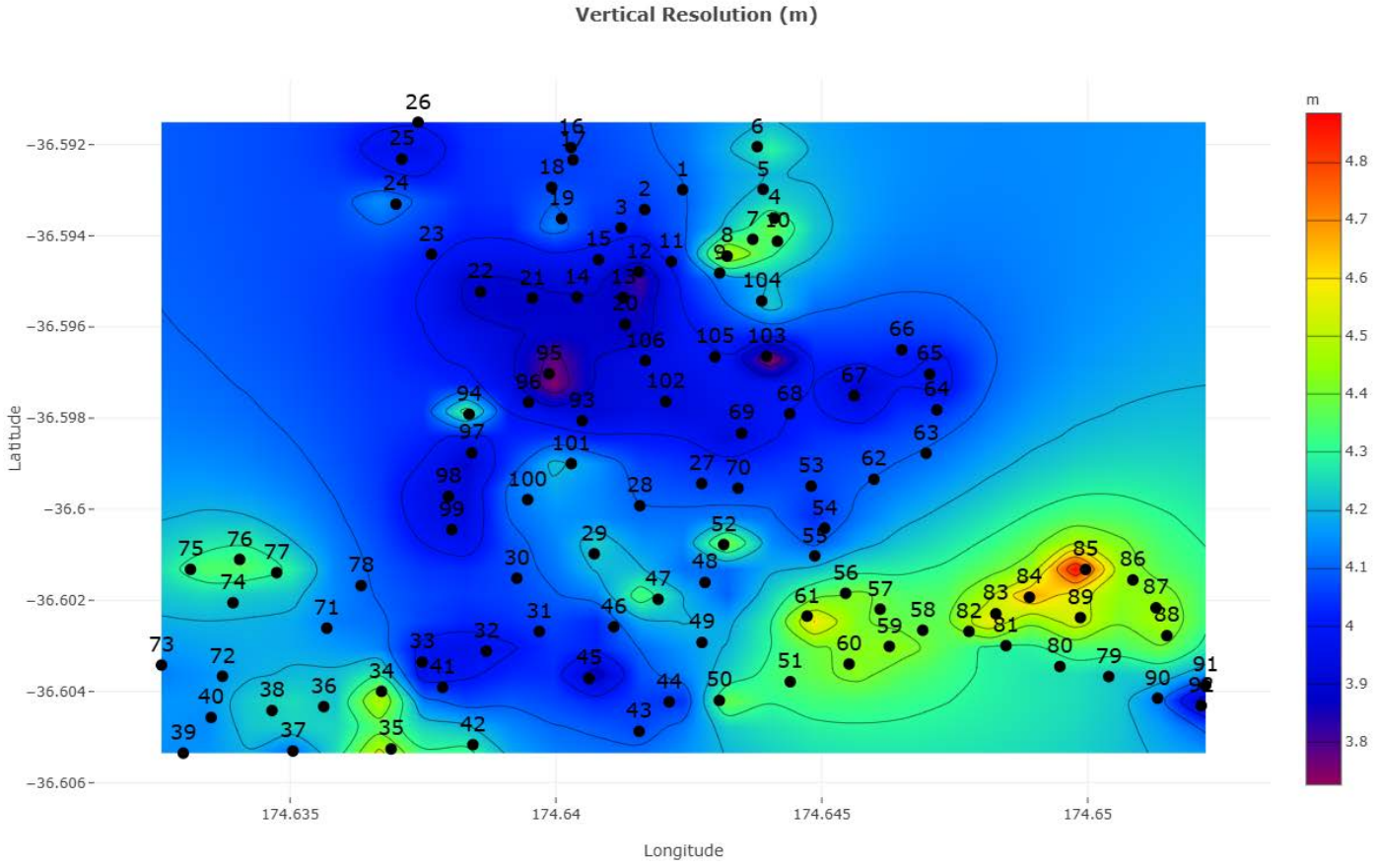
Signal to Noise Ratio



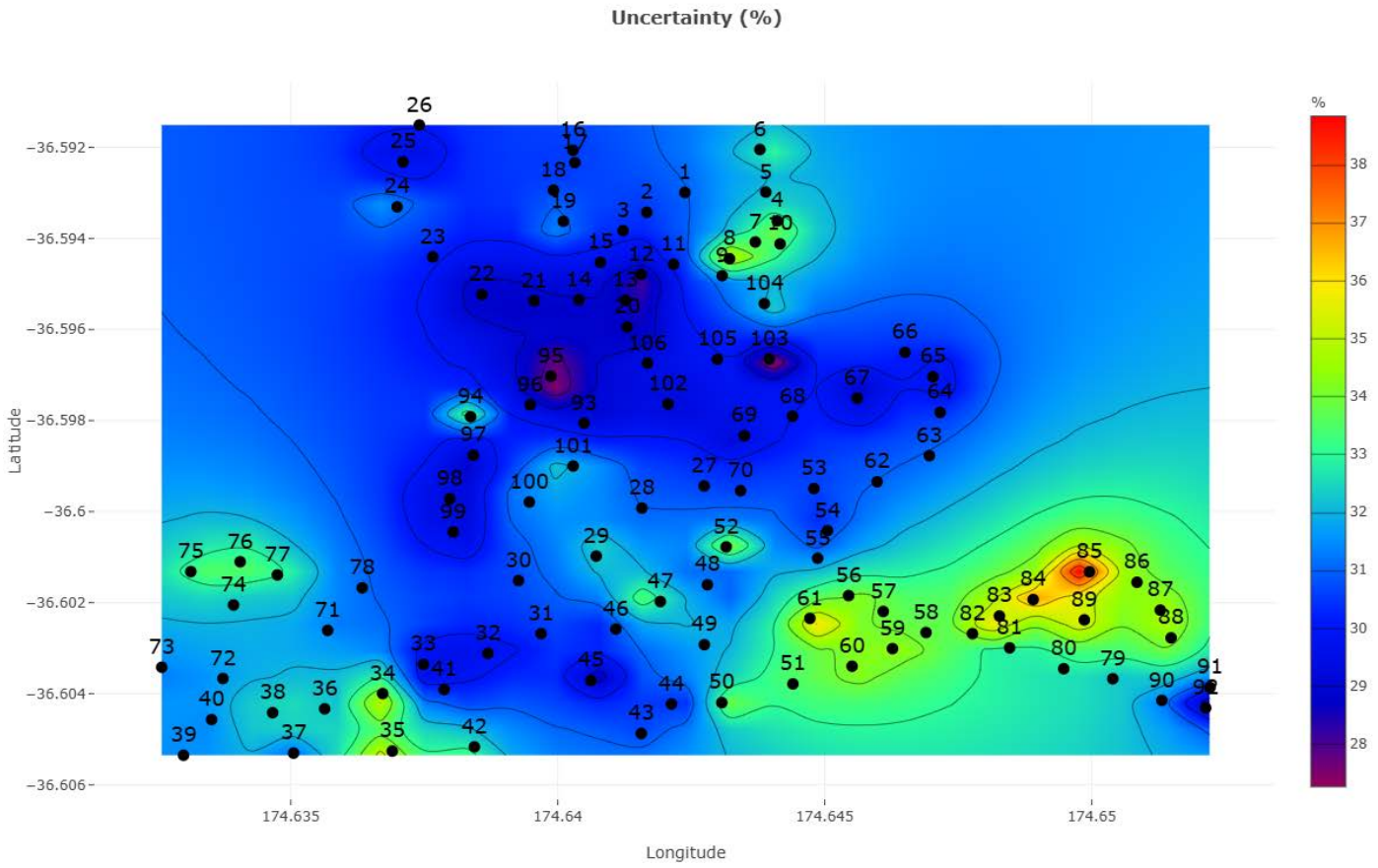
Noise



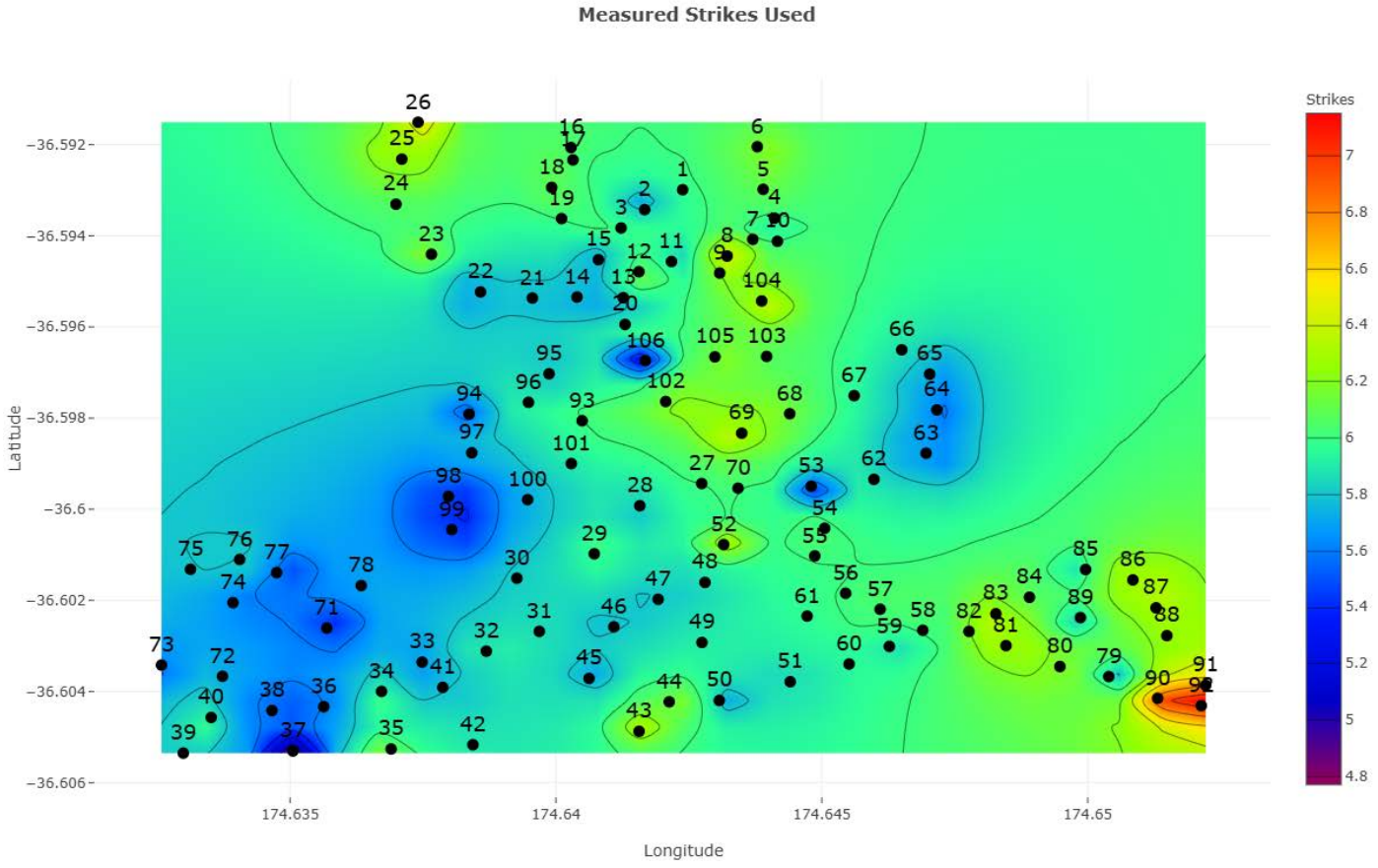
Vertical Resolution



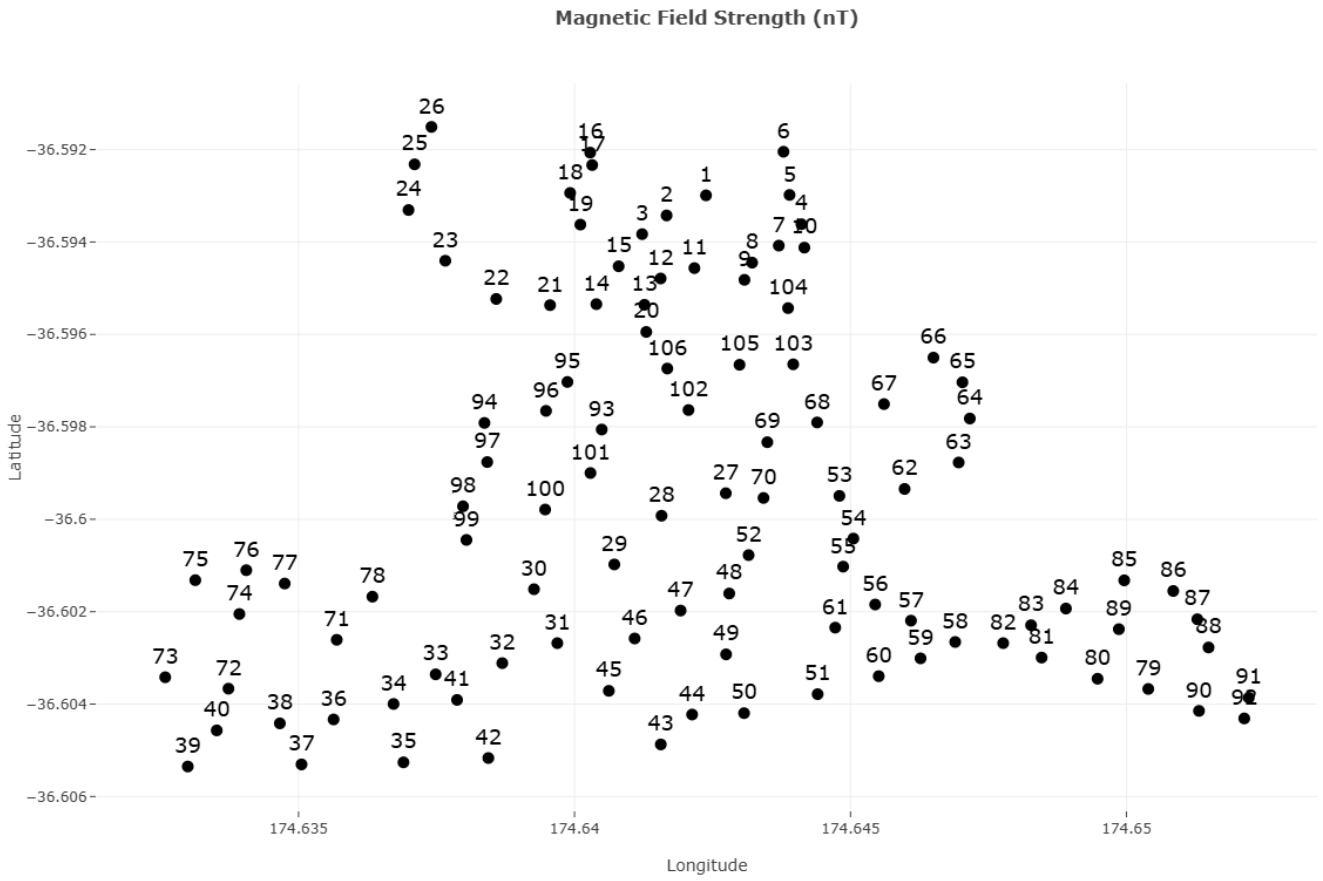
Uncertainty



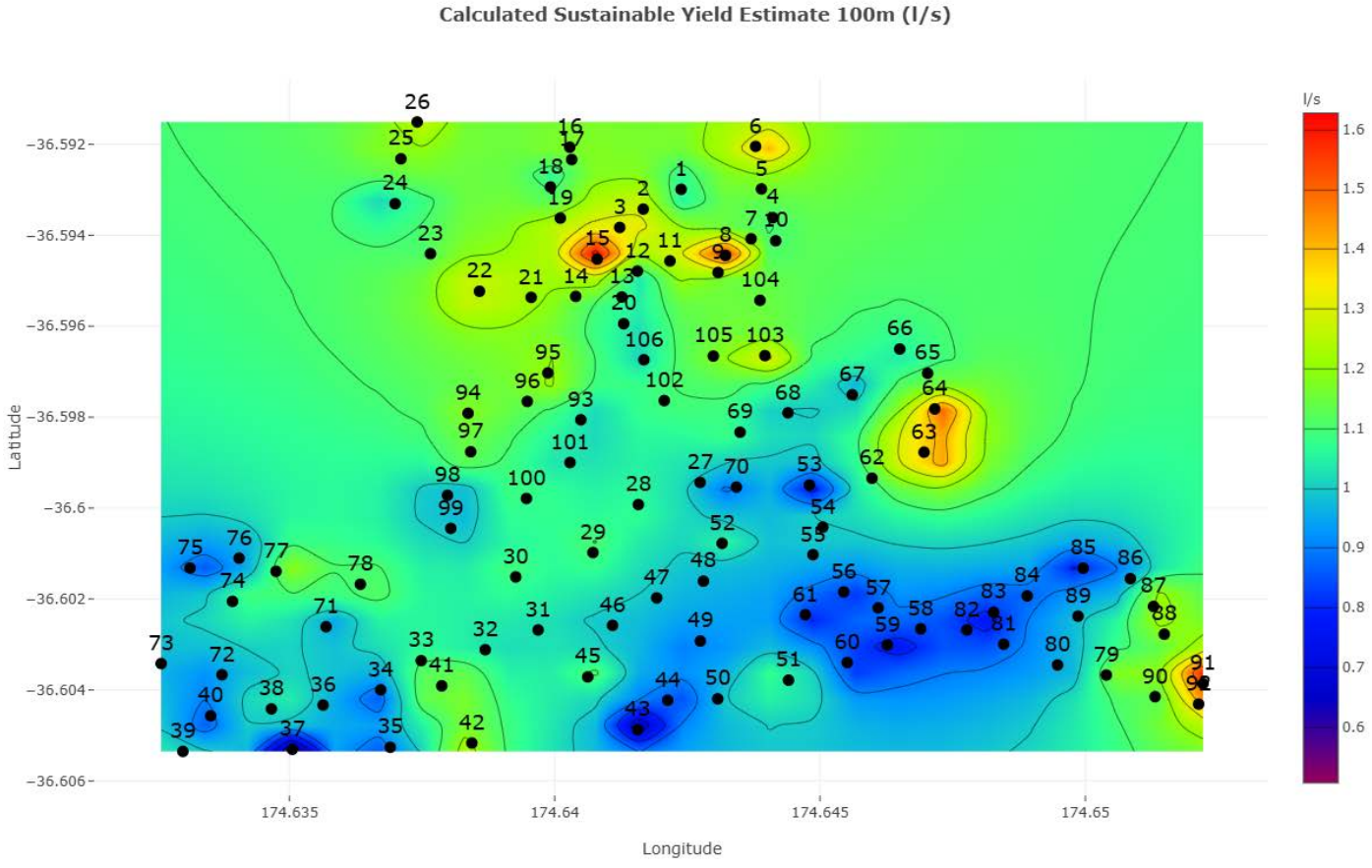
Strikes Used



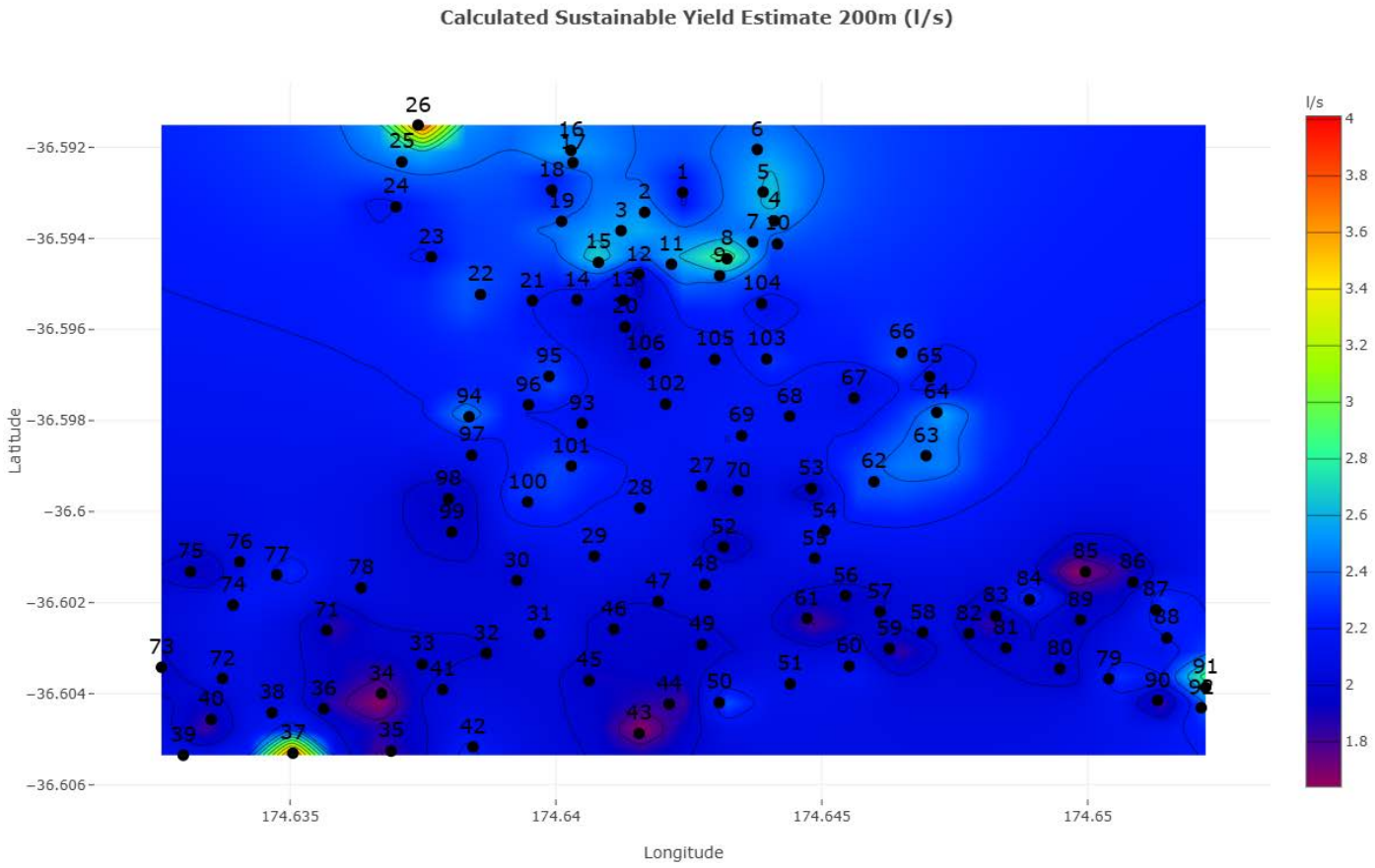
Magnetic Field Strength



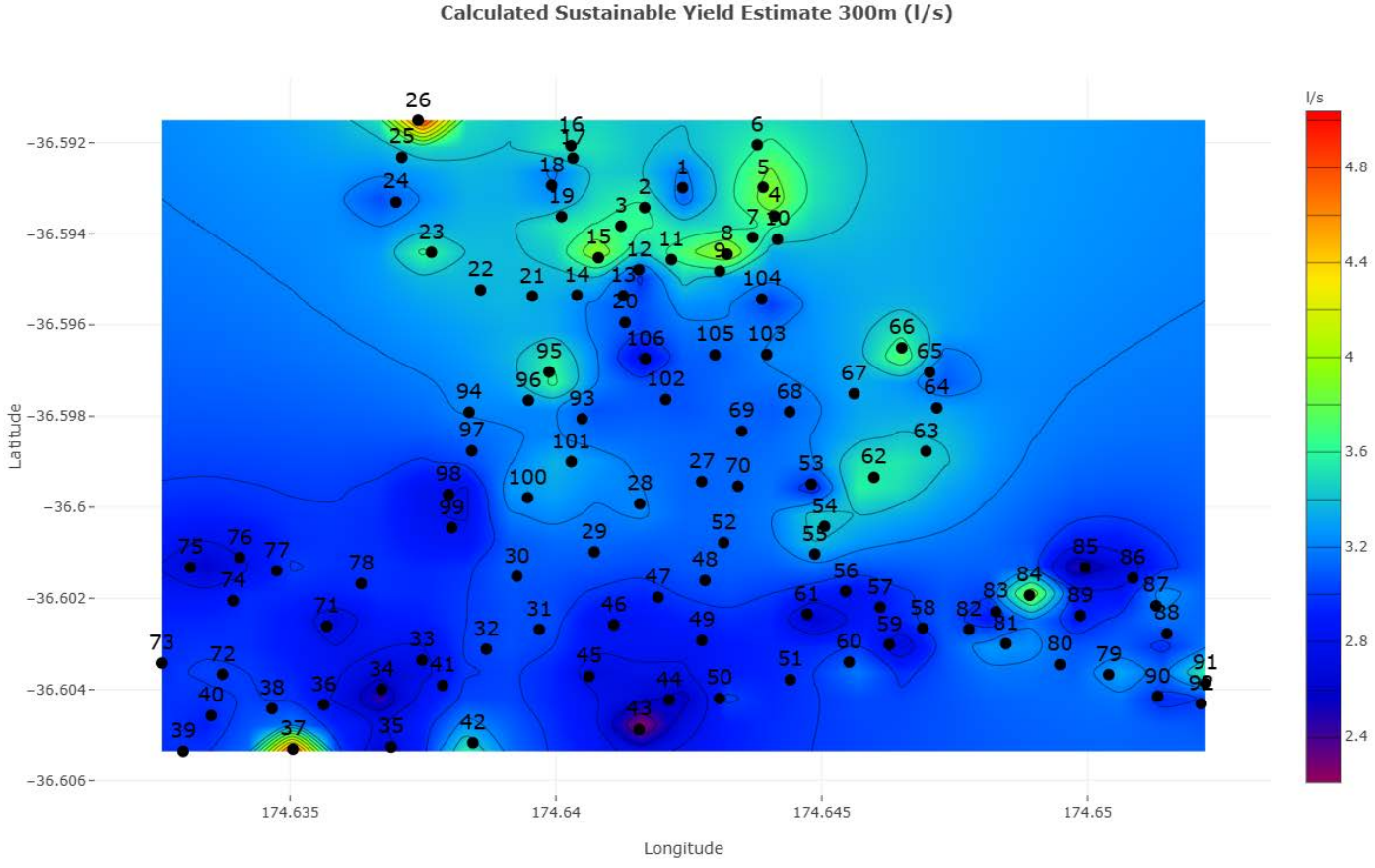
Sustainable Yield 100m



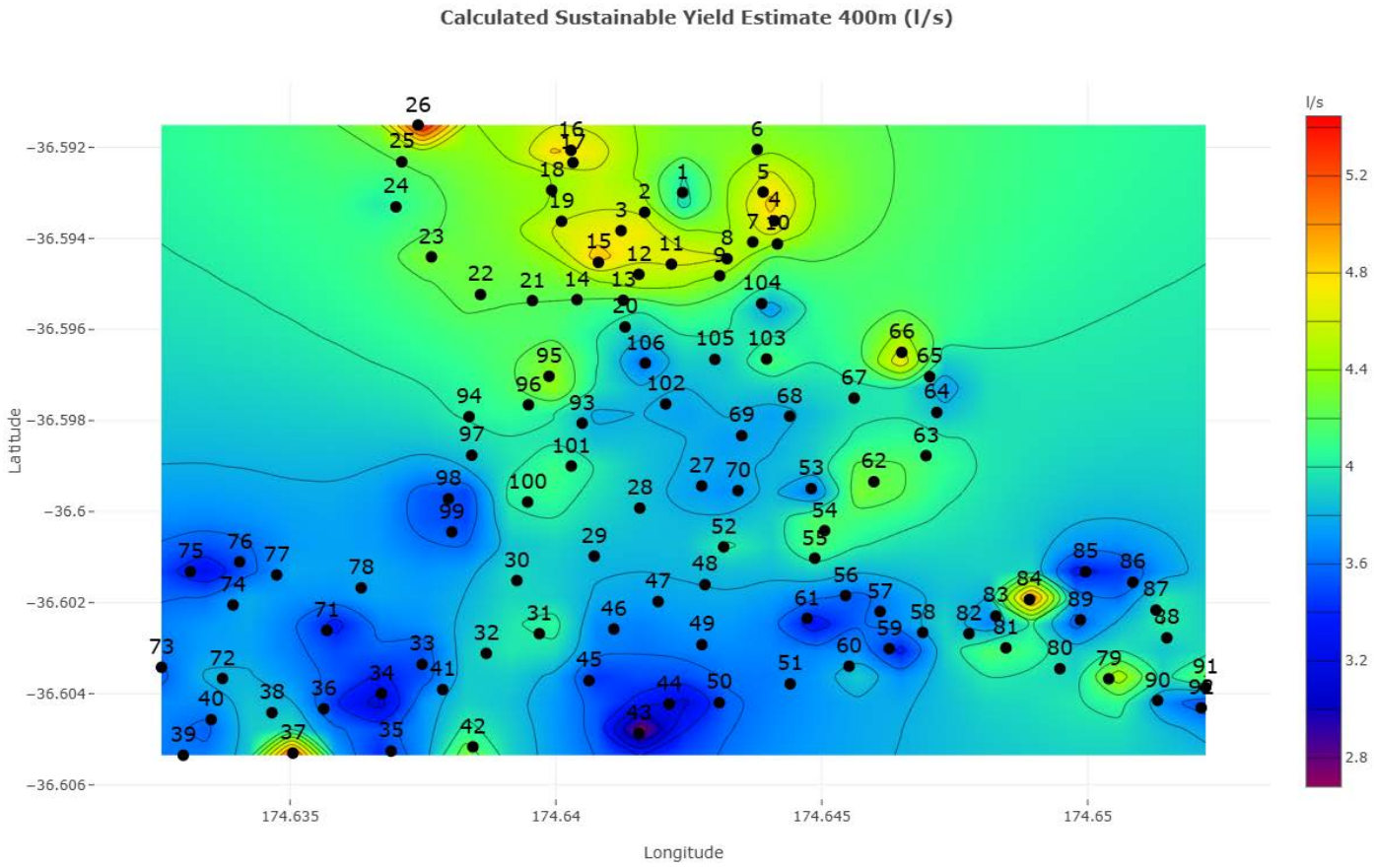
Sustainable Yield 200m



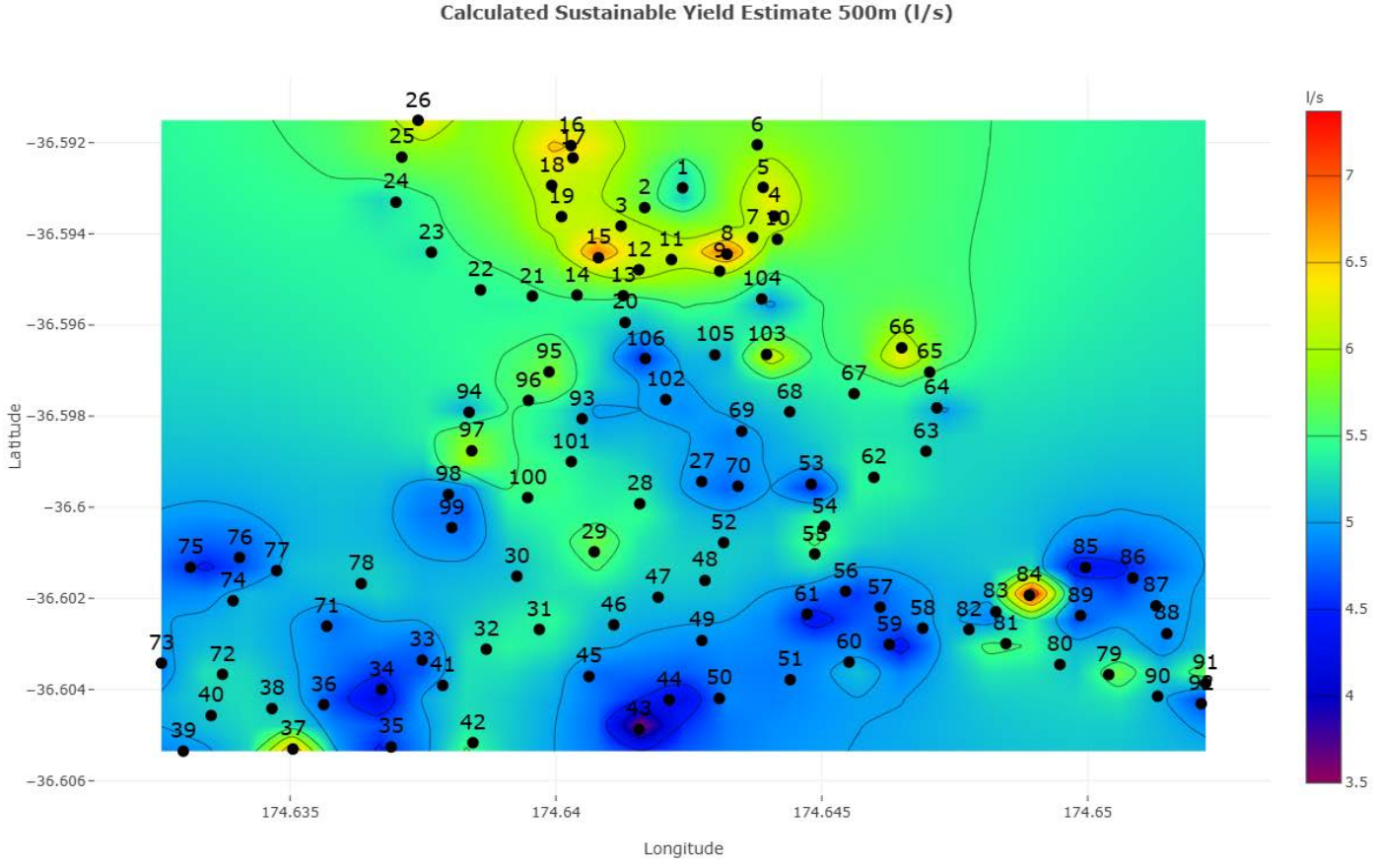
Sustainable Yield 300m



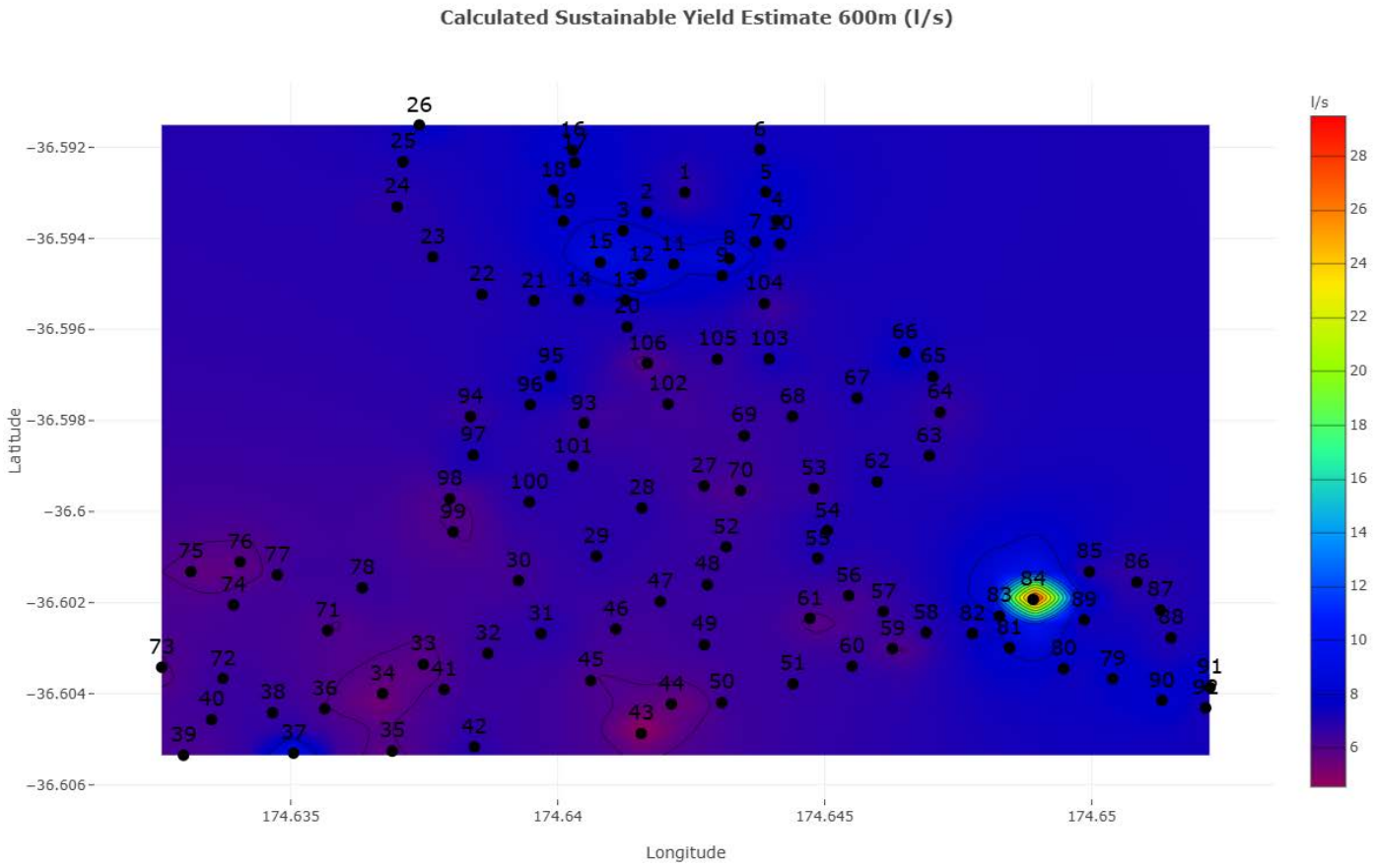
Sustainable Yield 400m



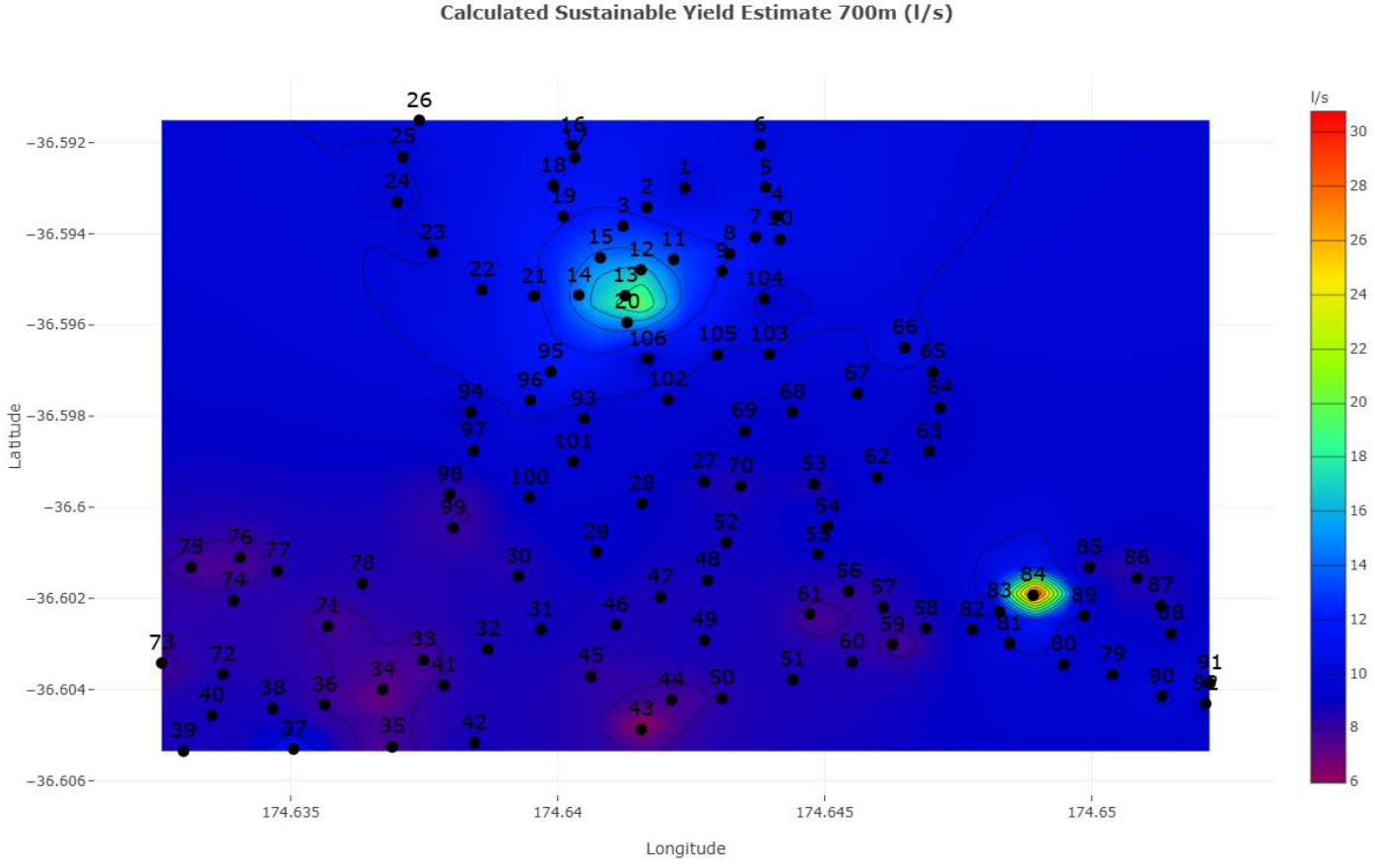
Sustainable Yield 500m



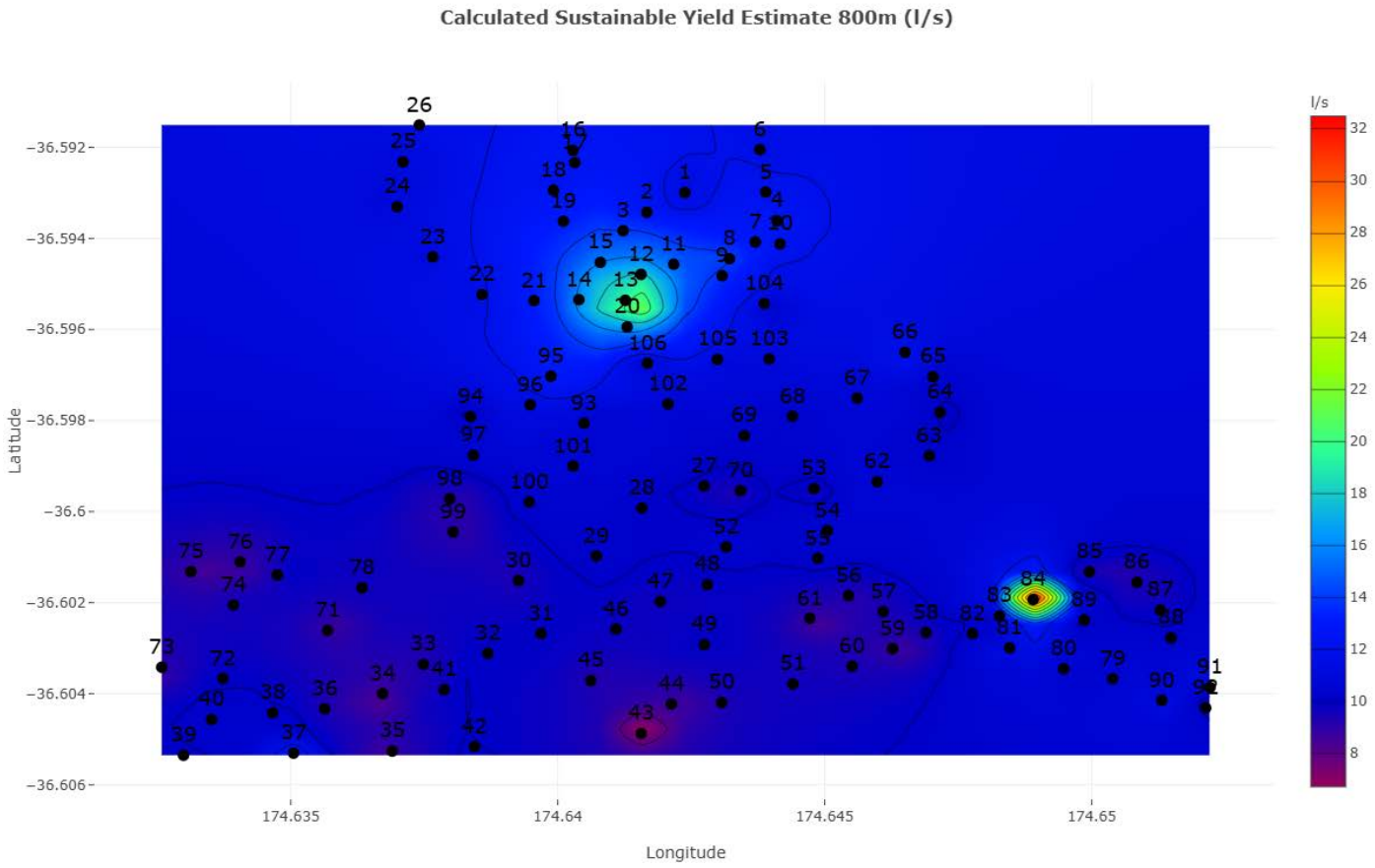
Sustainable Yield 600m



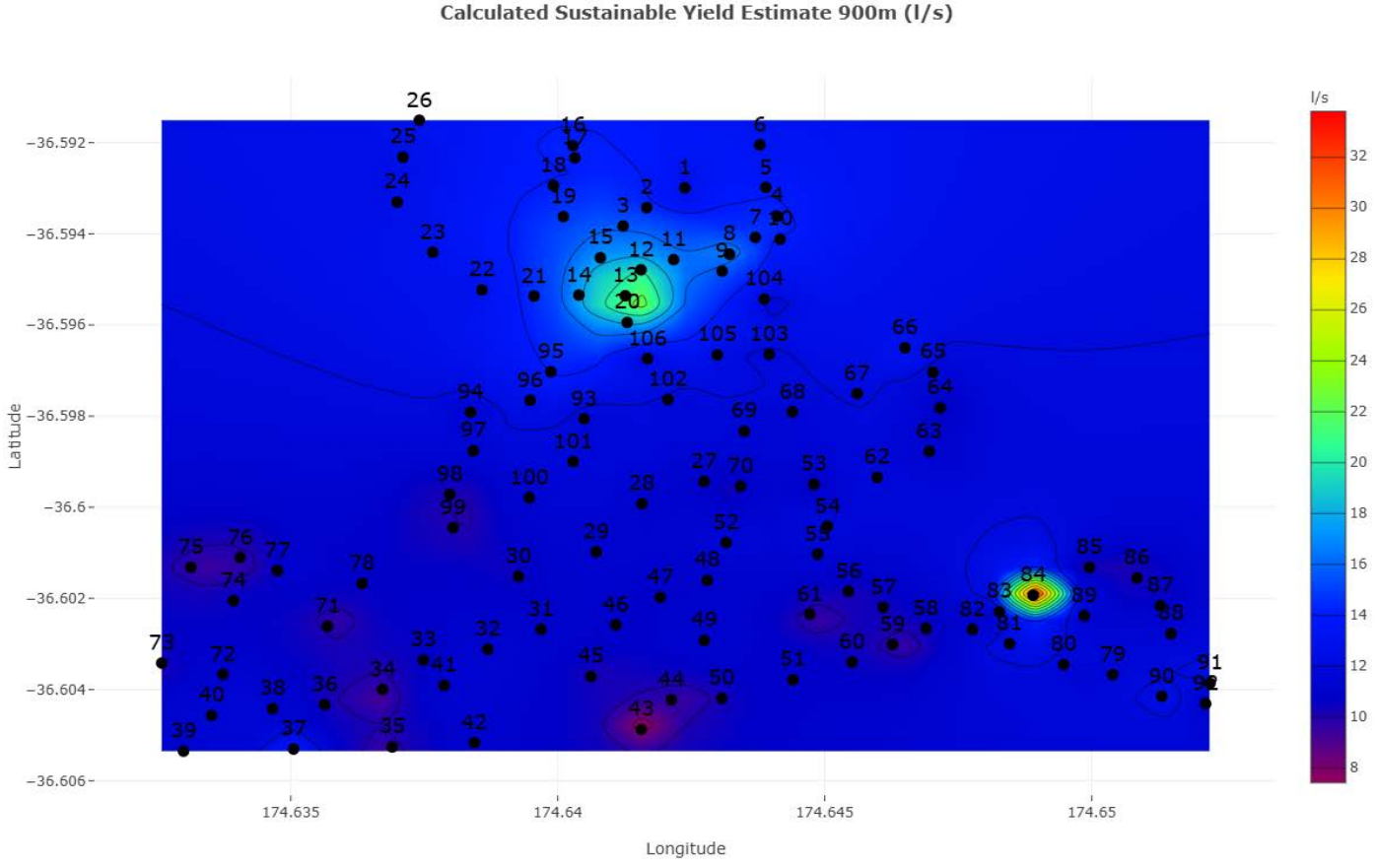
Sustainable Yield 700m



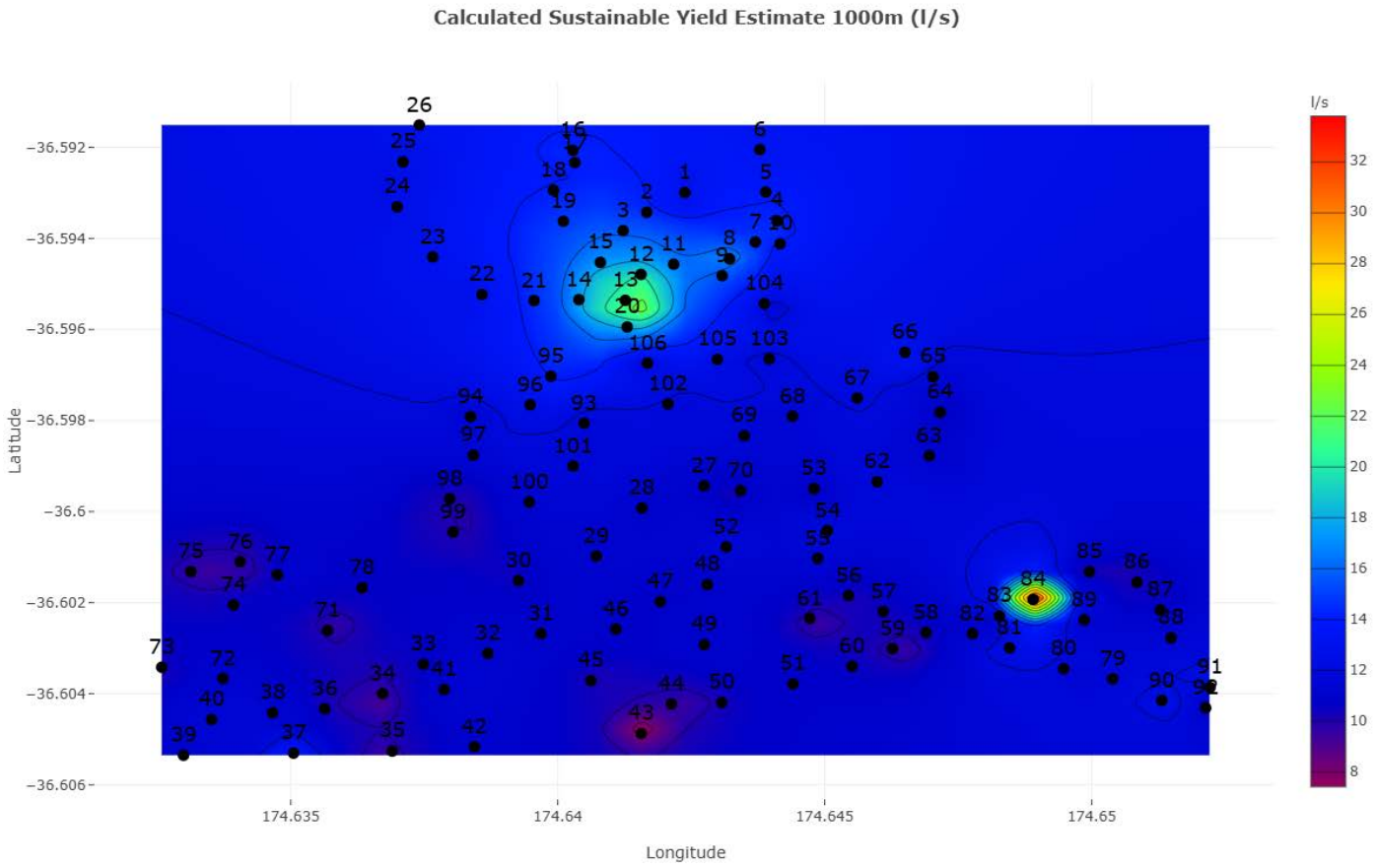
Sustainable Yield 800m



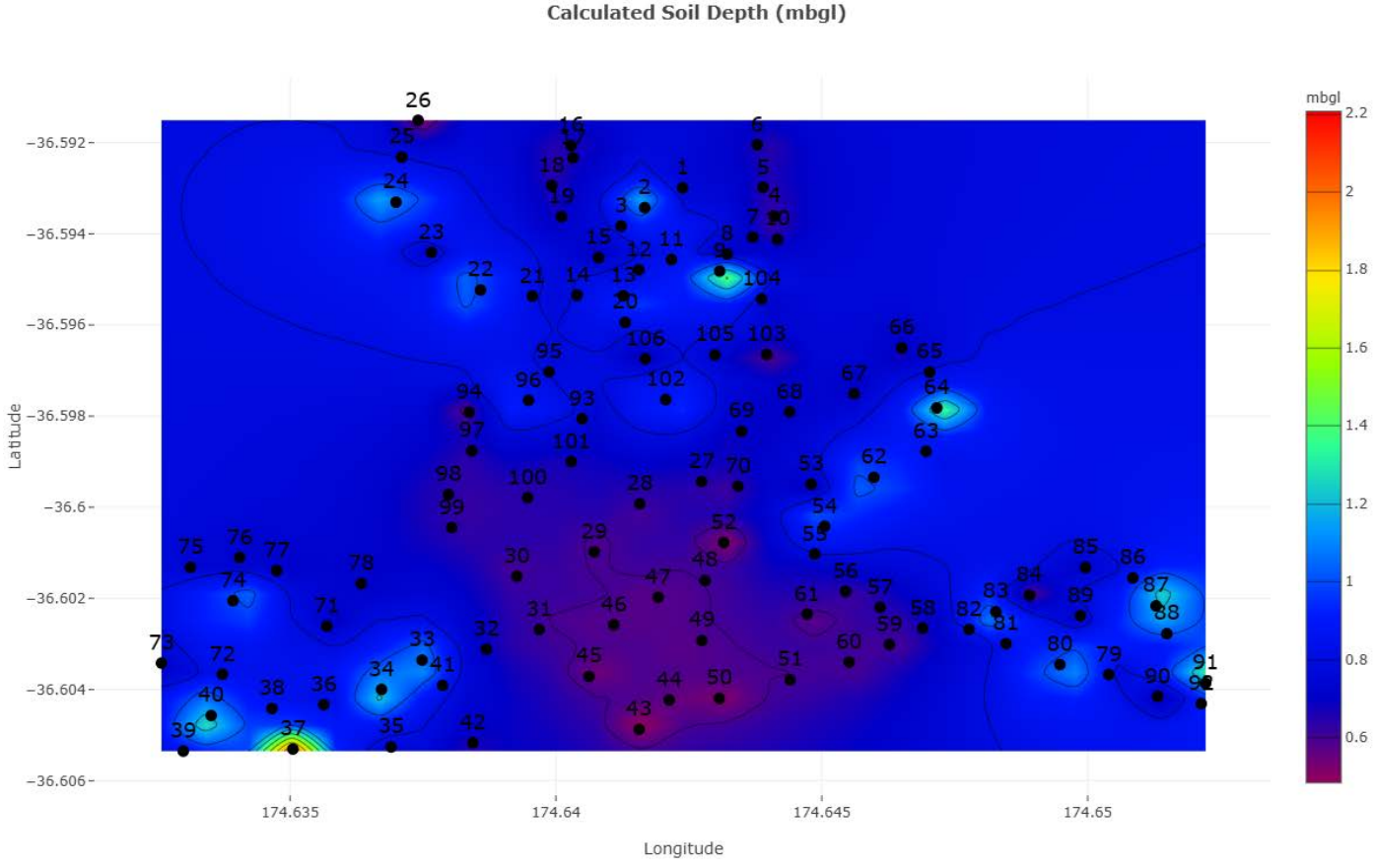
Sustainable Yield 900m



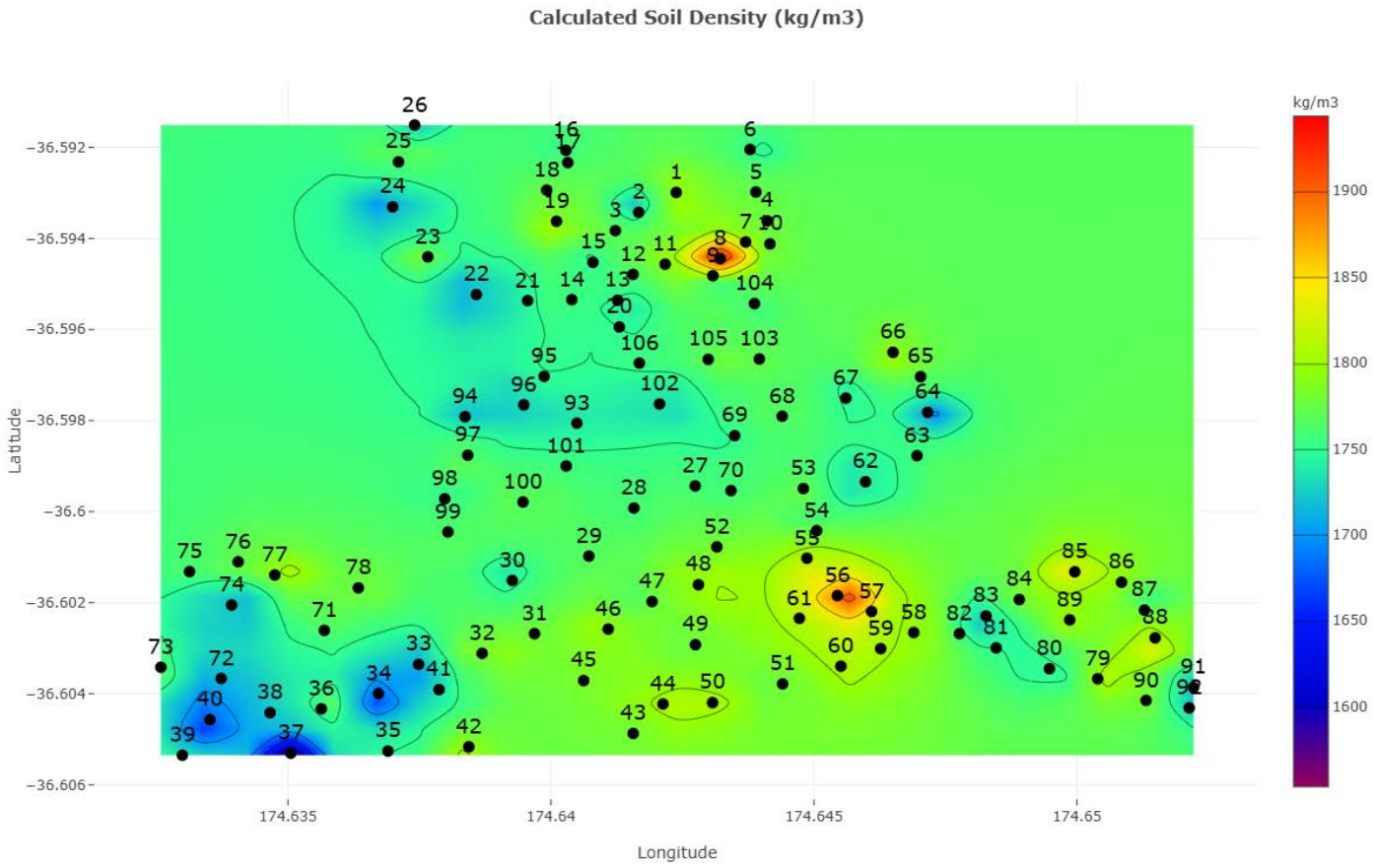
Sustainable Yield 1000m



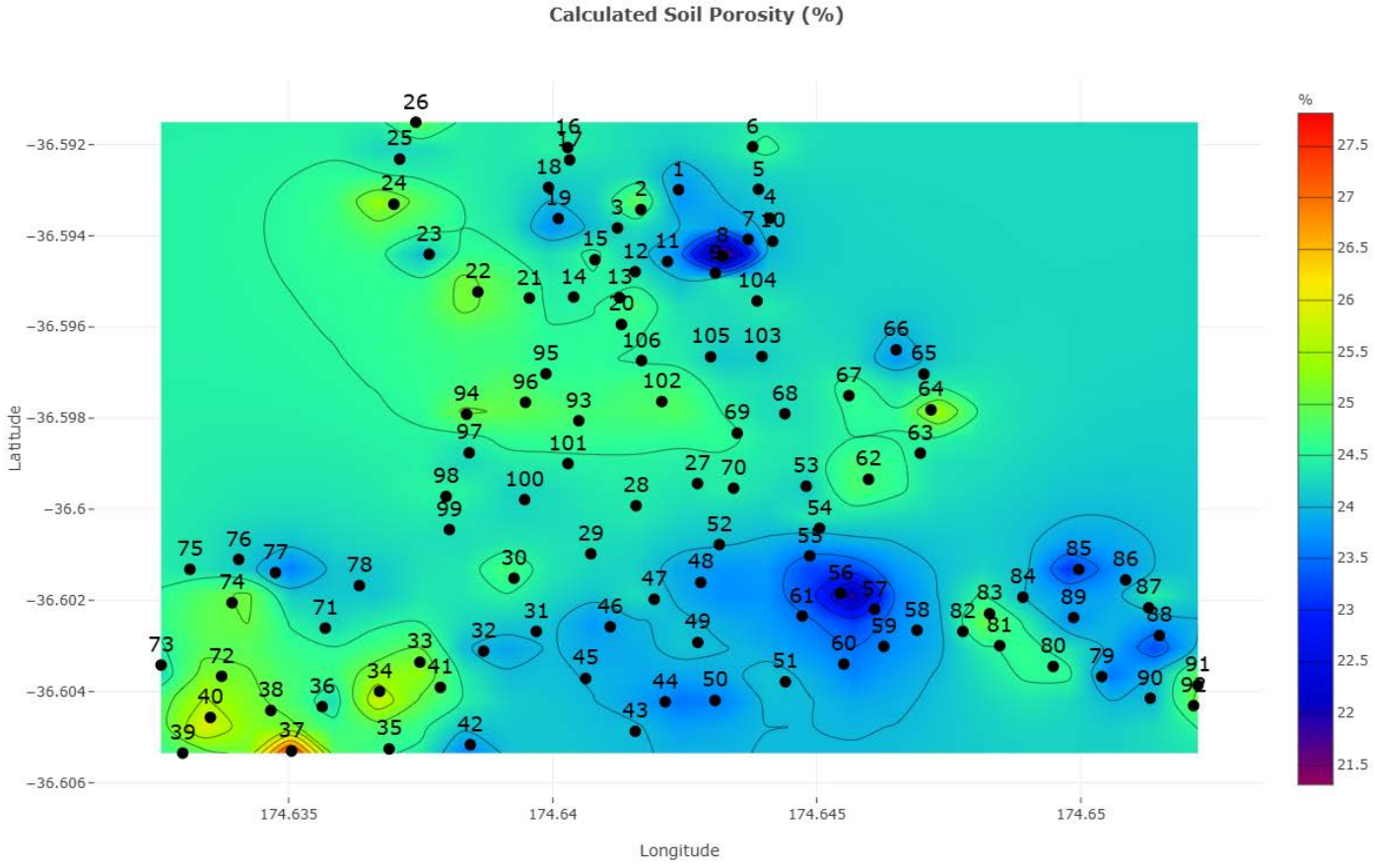
Soil Depth



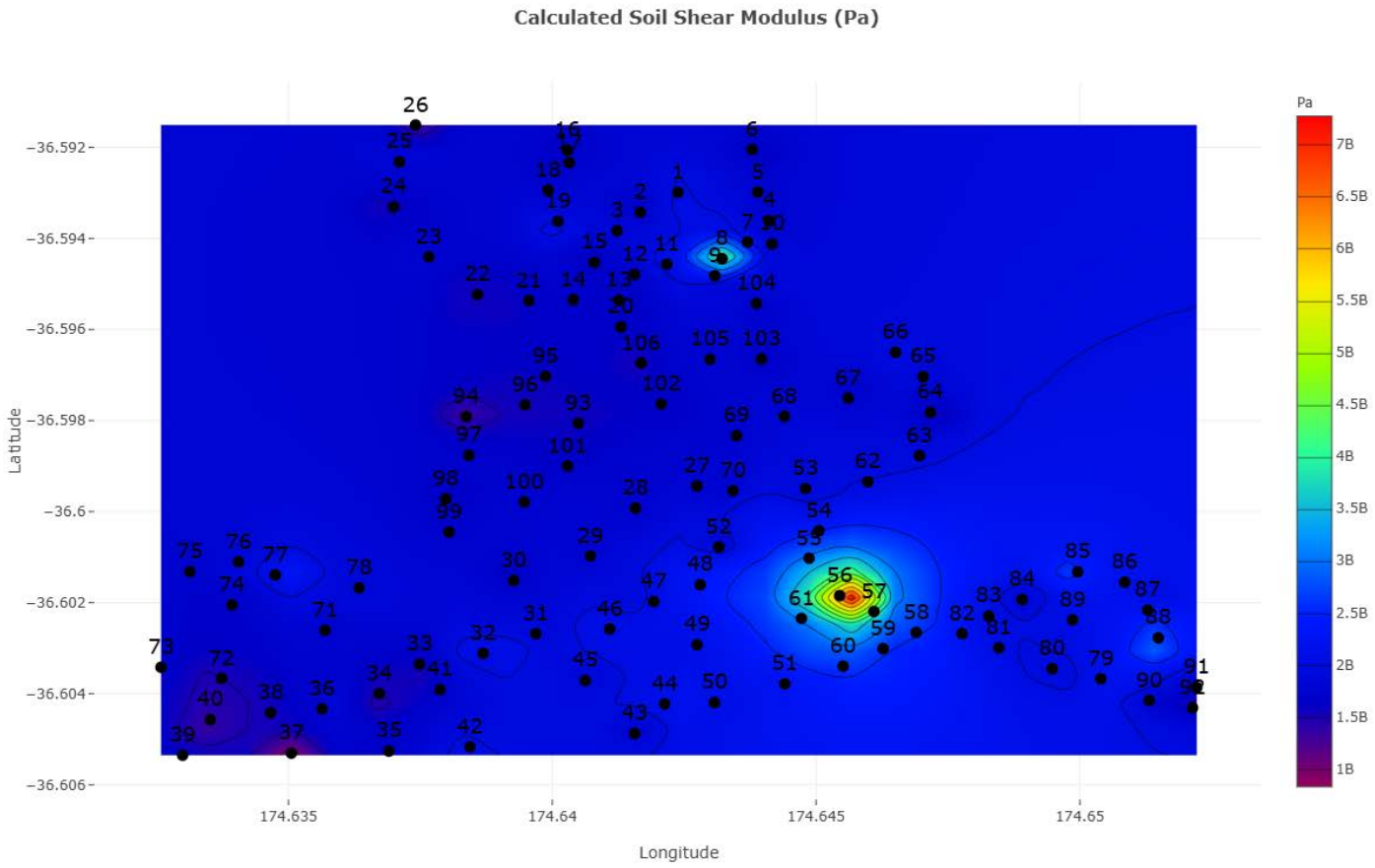
Soil Density



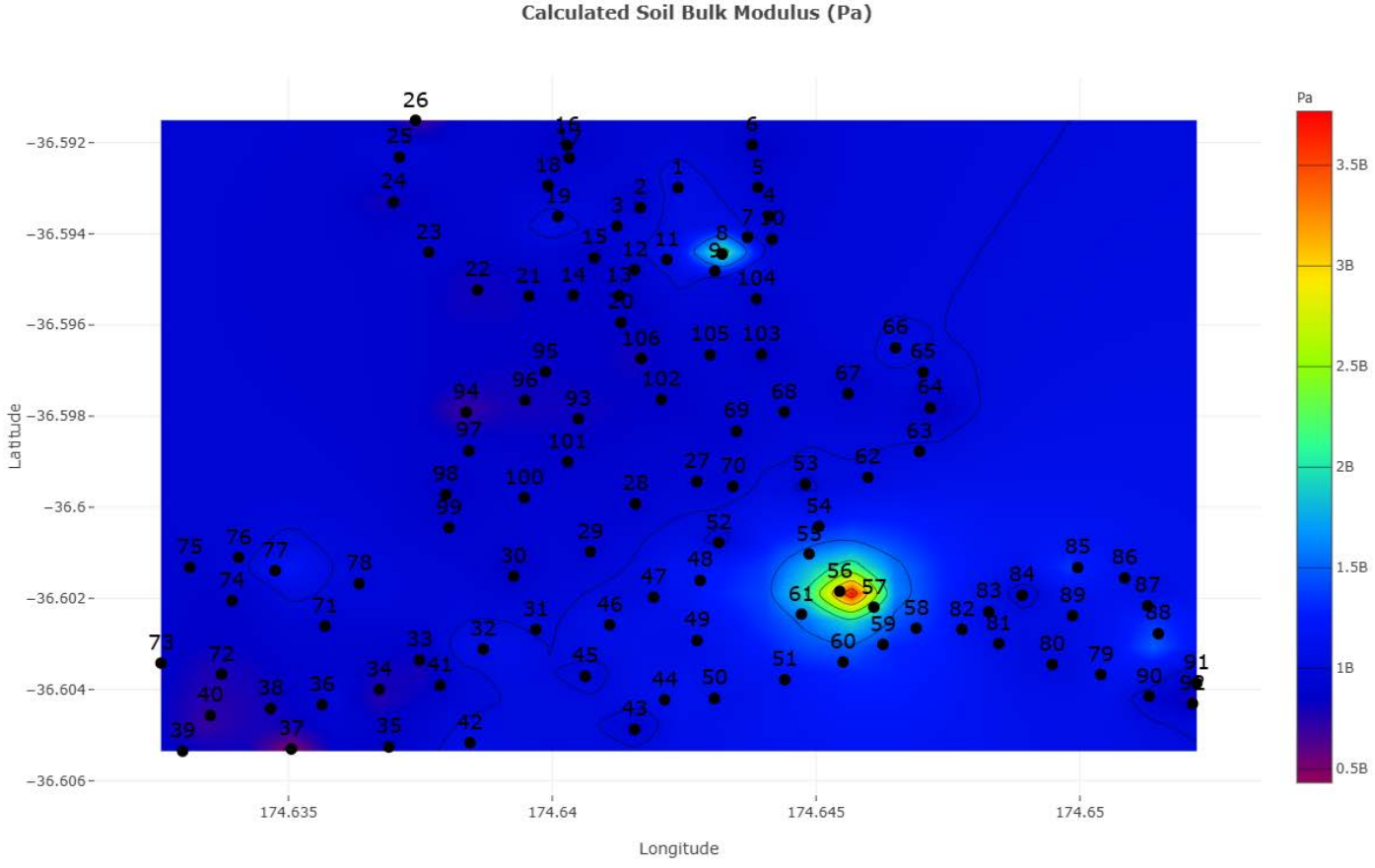
Soil Porosity



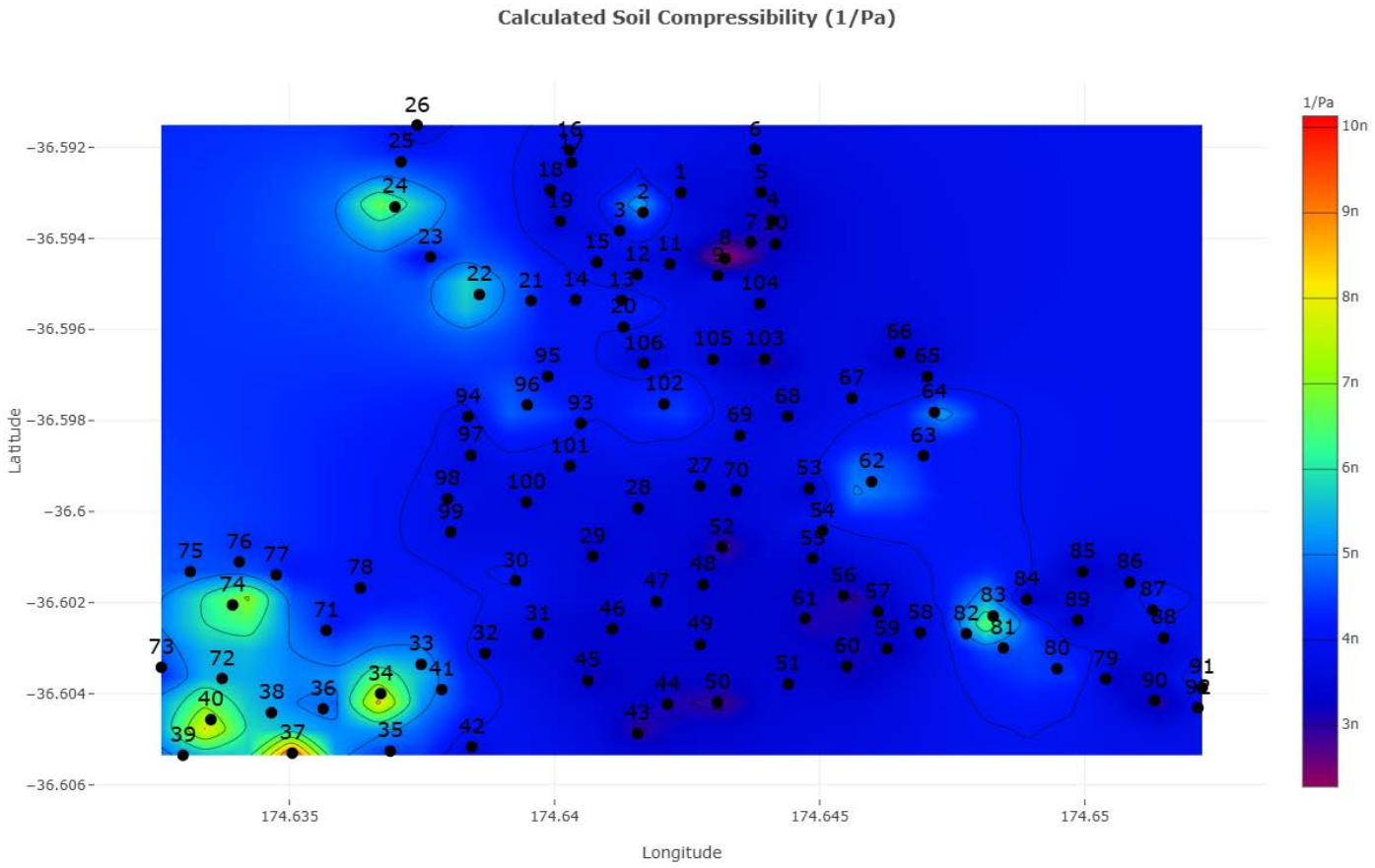
Soil Shear Modulus



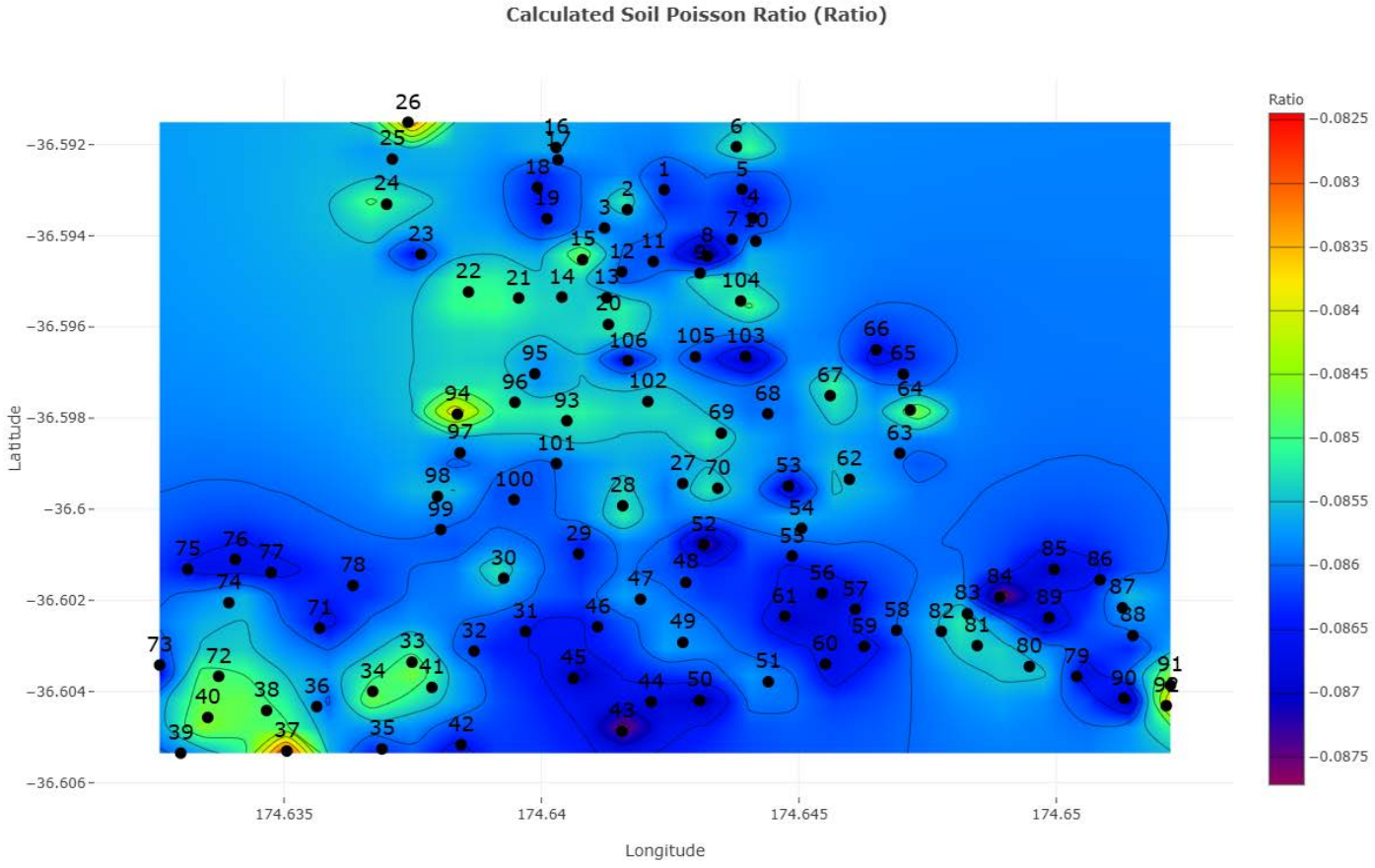
Soil Bulk Modulus



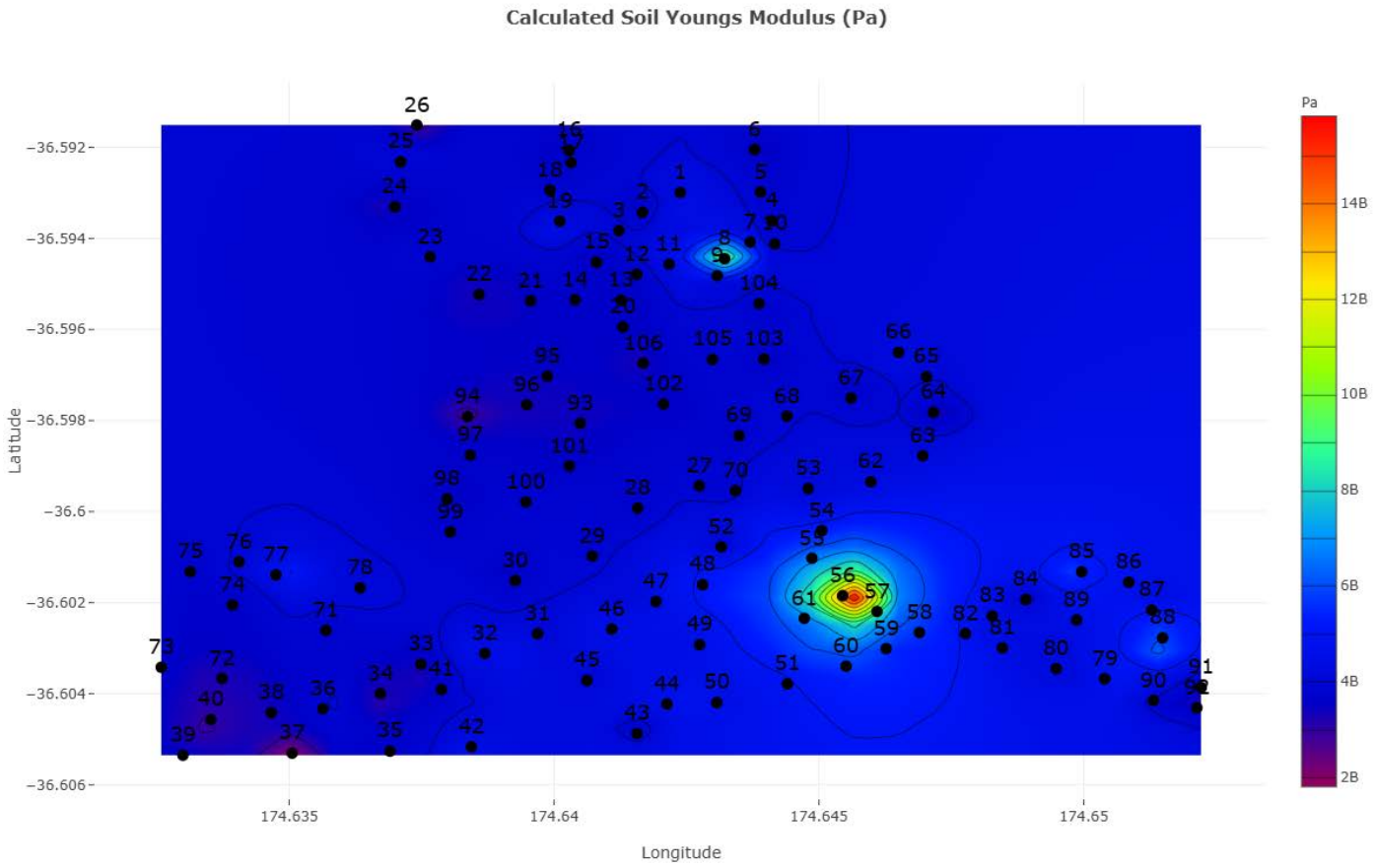
Soil Compressibility



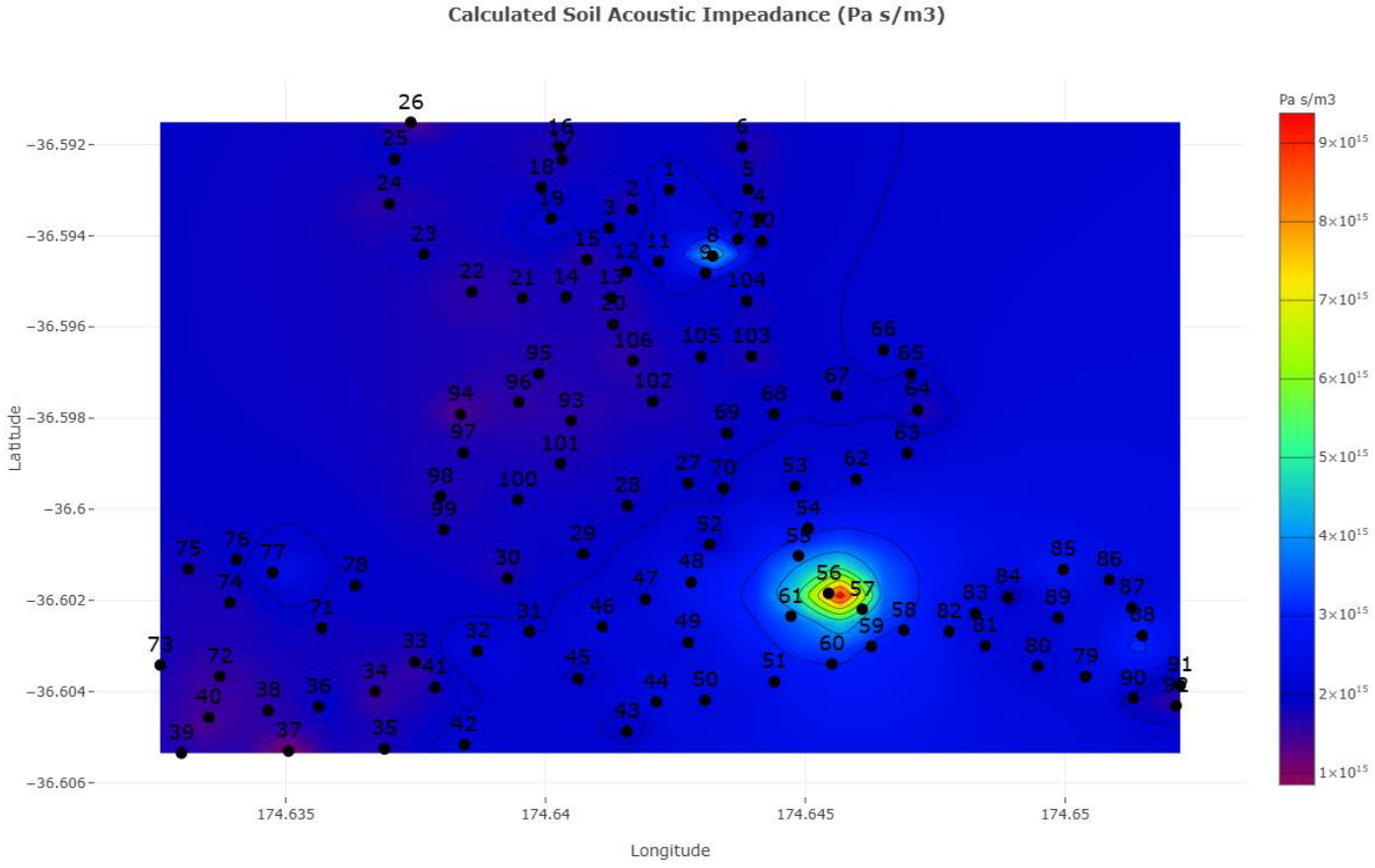
Soil Poisson Ratio



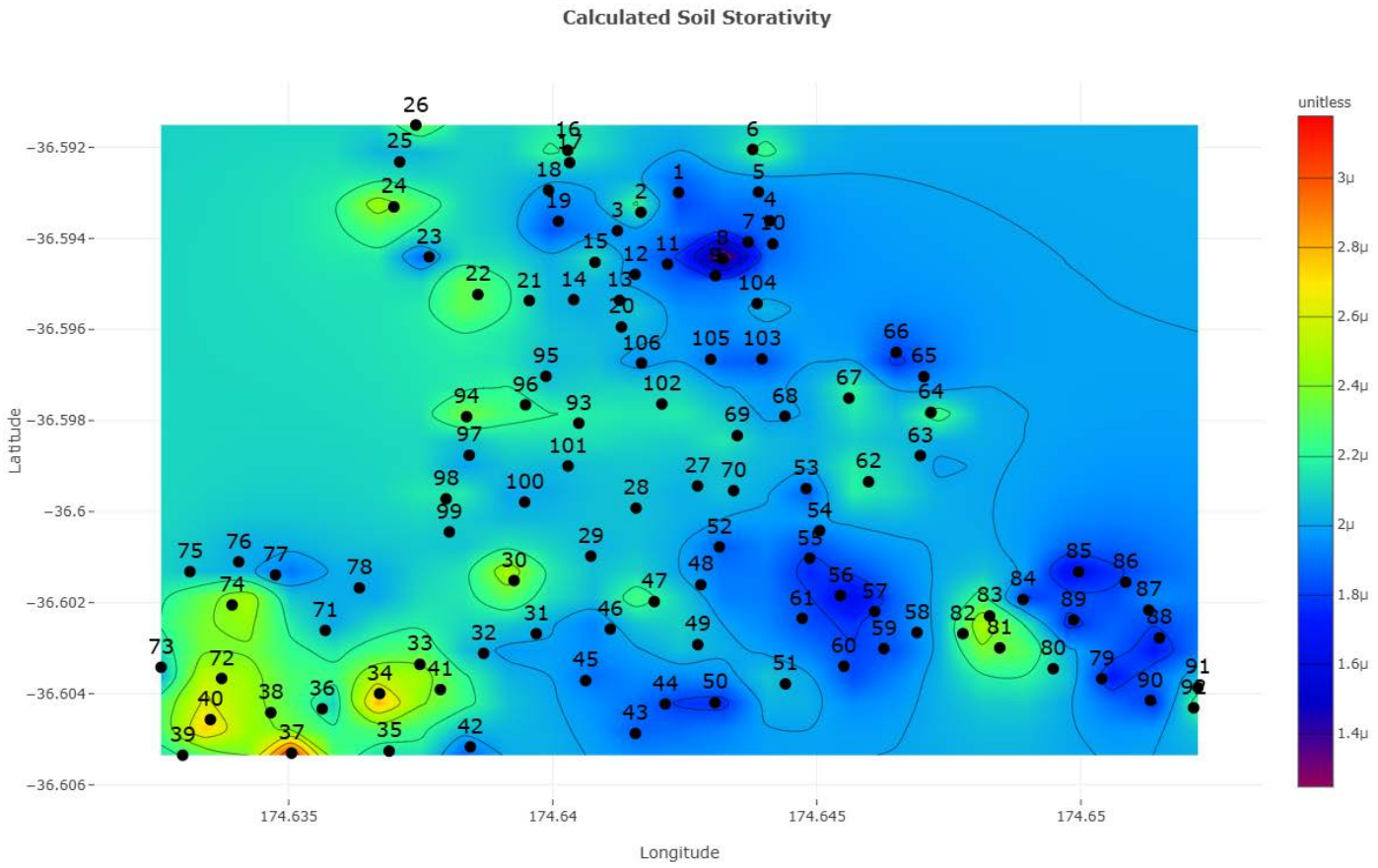
Soil Youngs Modulus



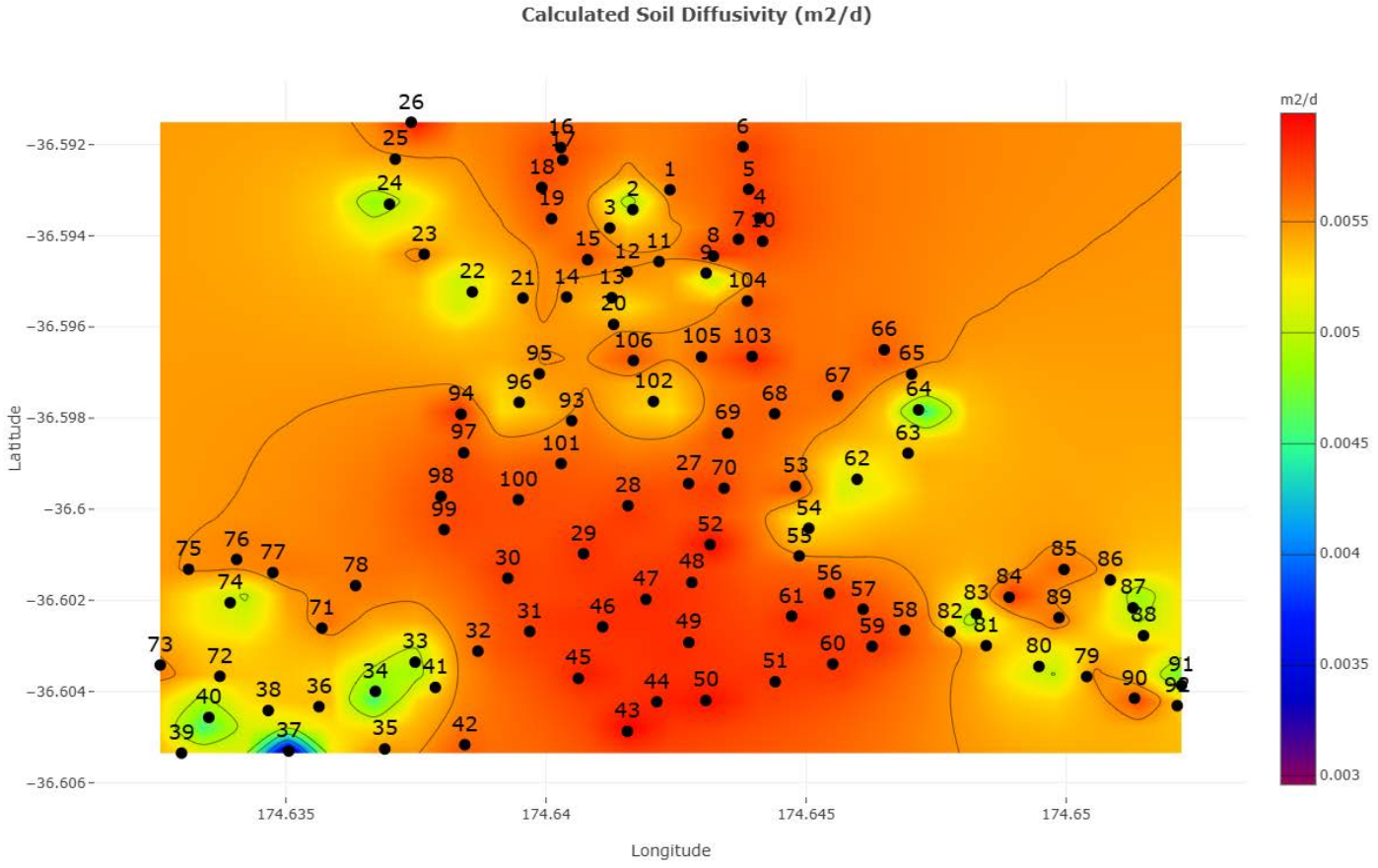
Soil Acoustic Impeadance



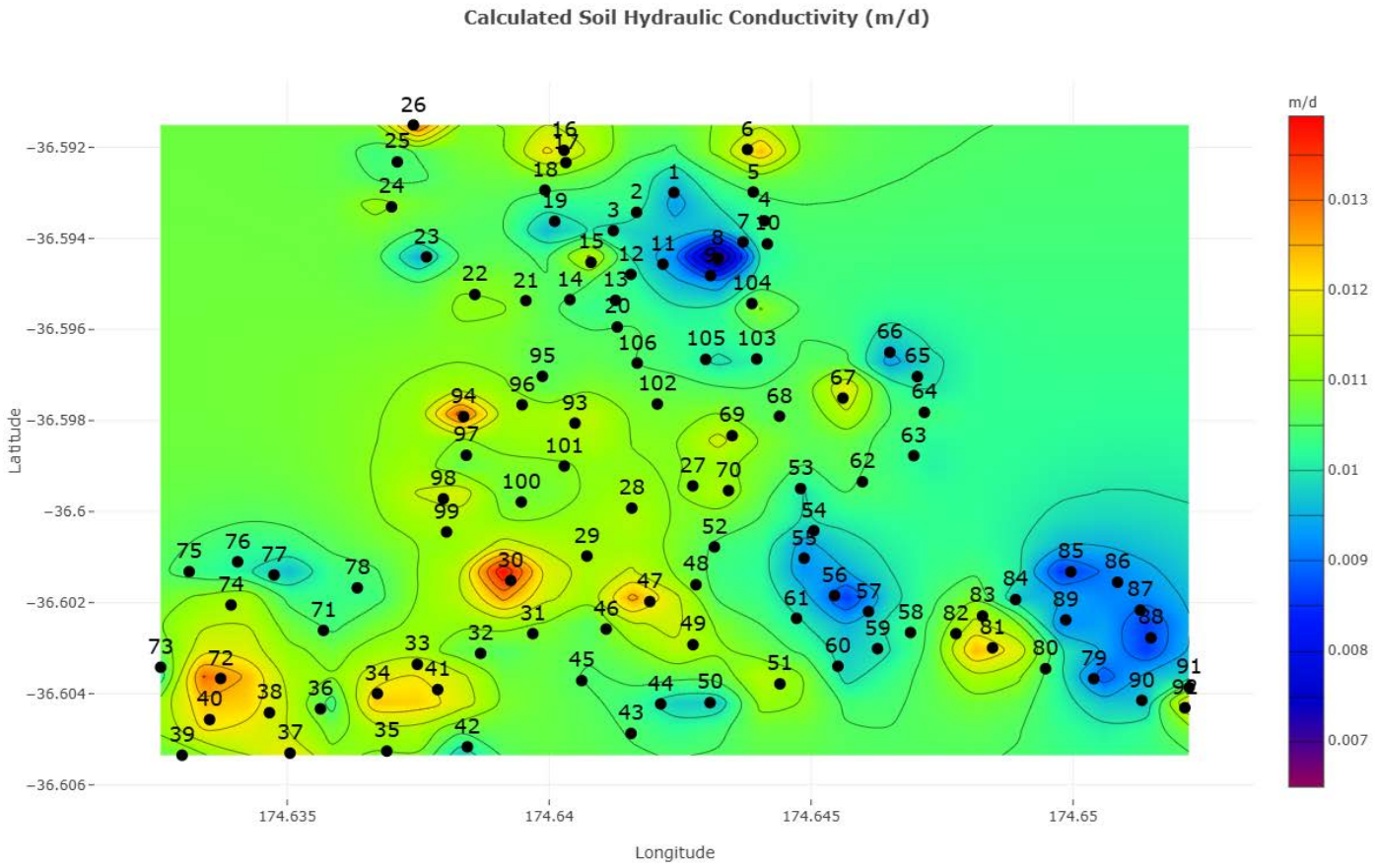
Soil Storativity



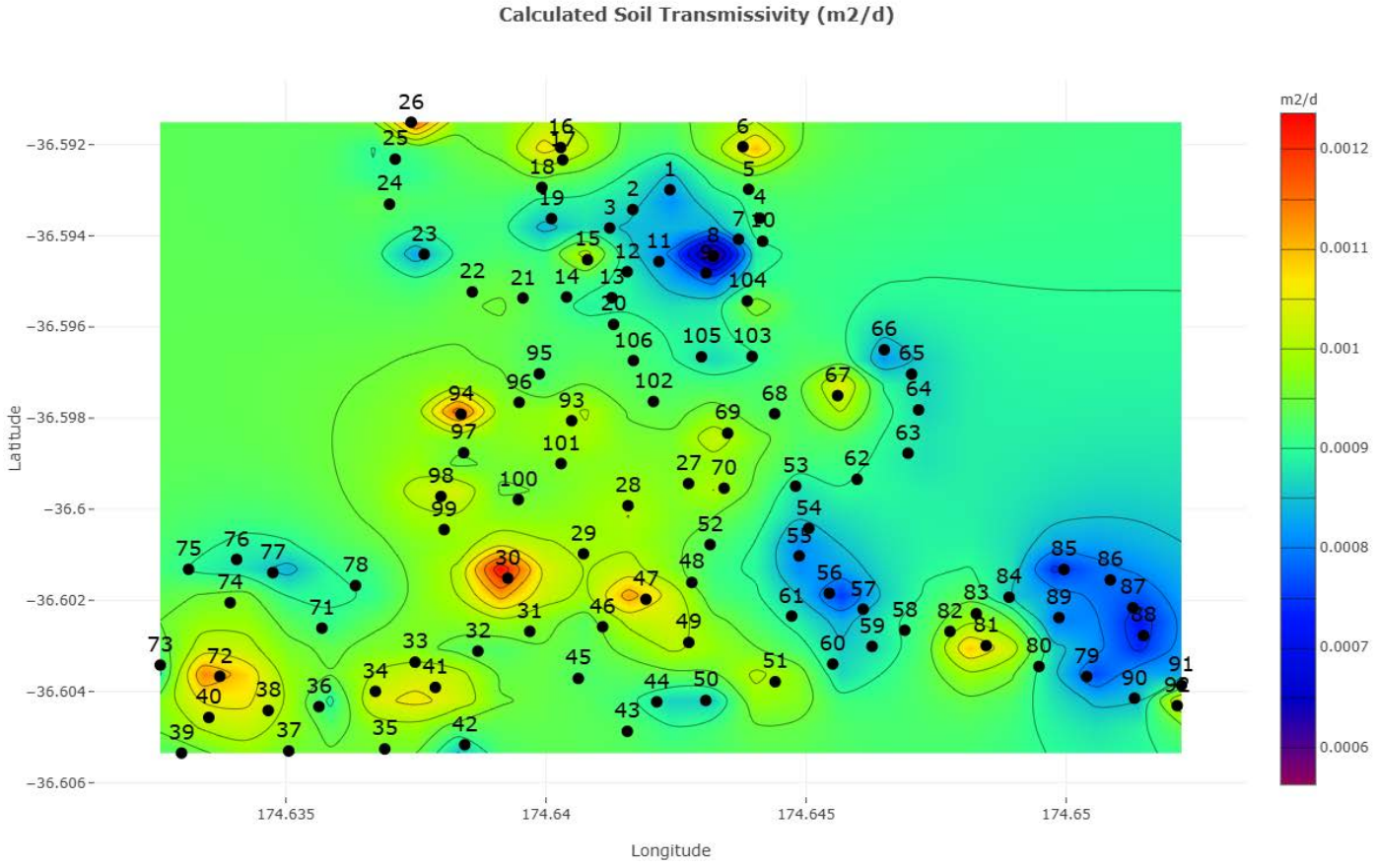
Soil Diffusivity



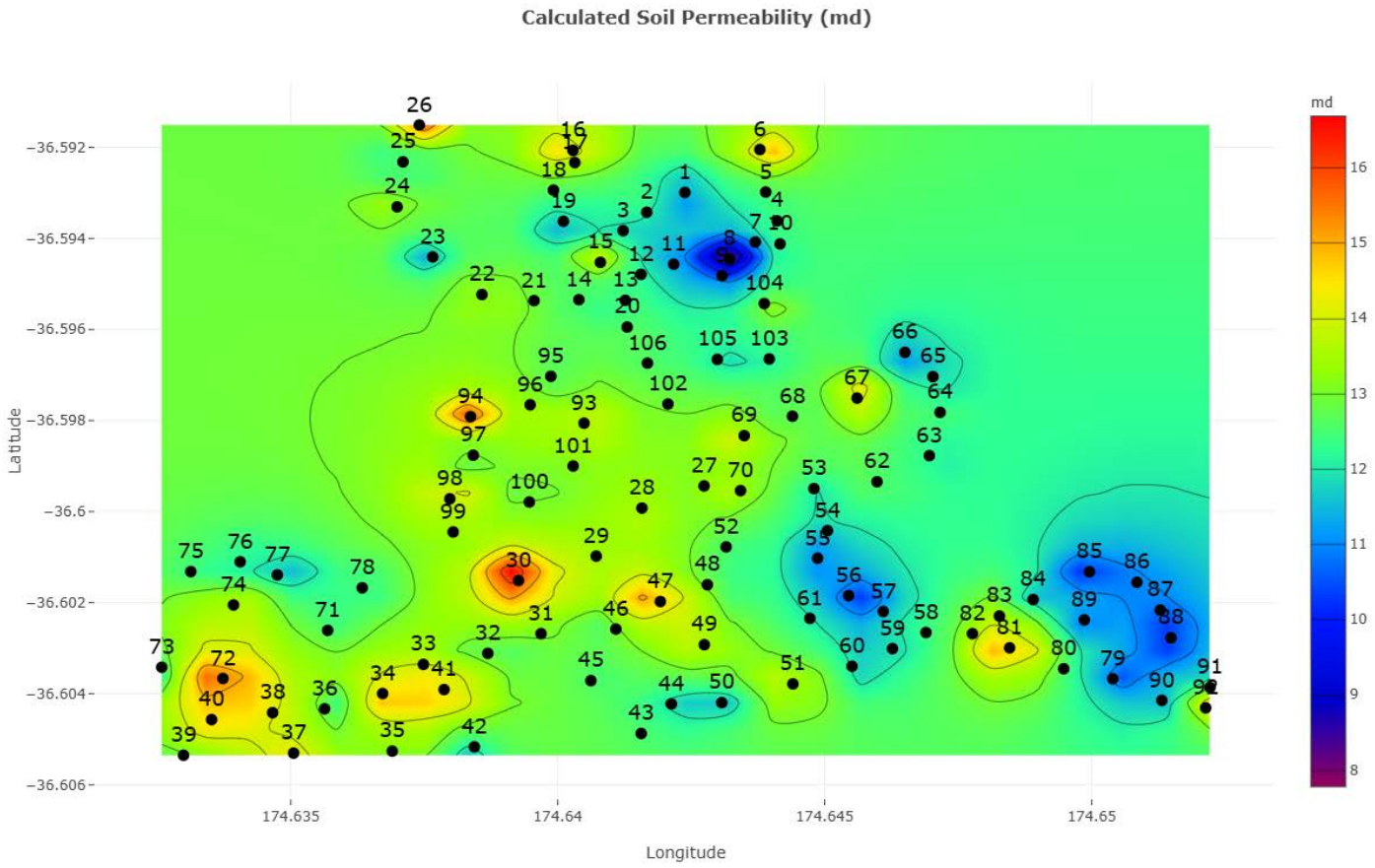
Soil Hydraulic Conductivity



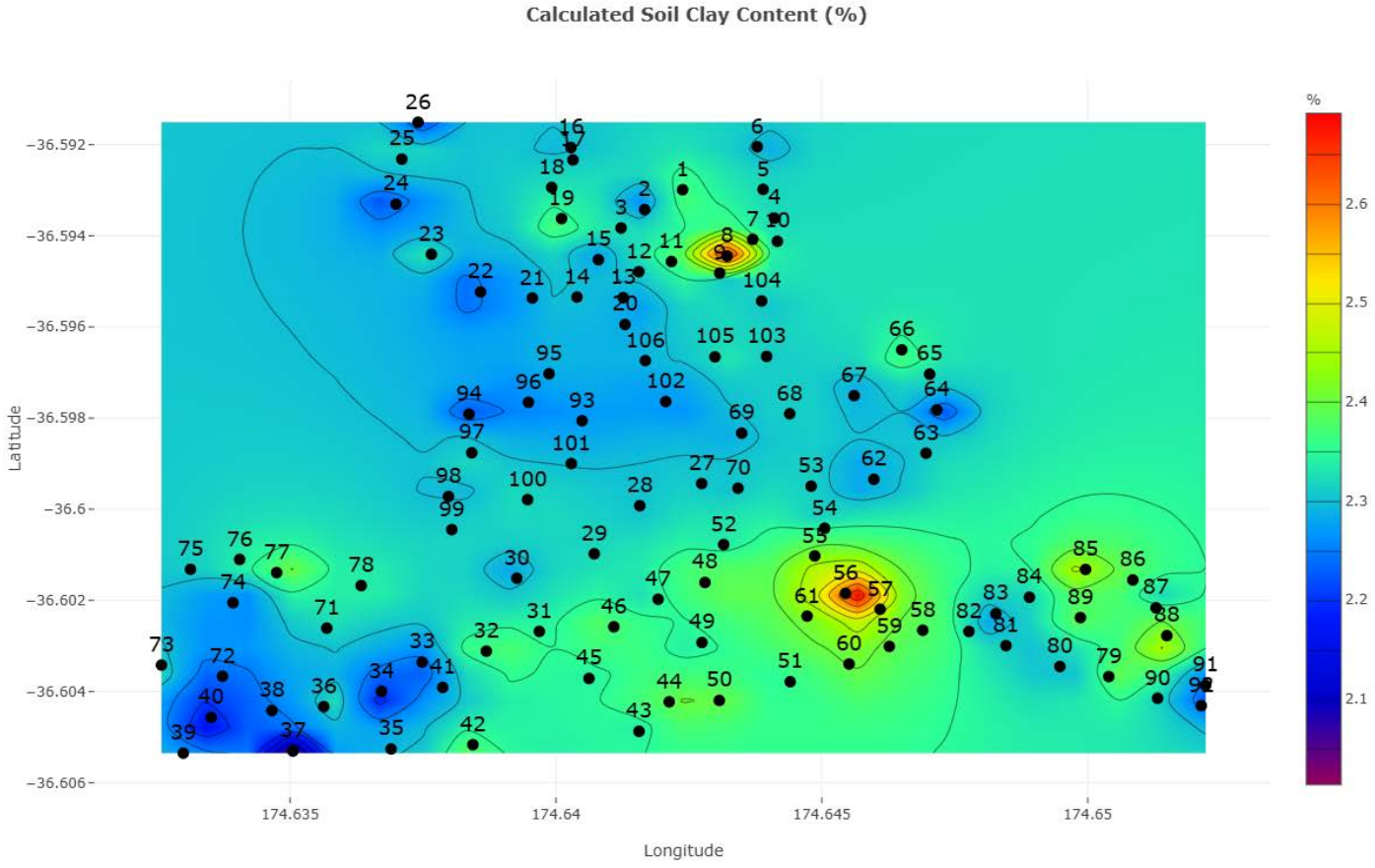
Soil Transmissivity



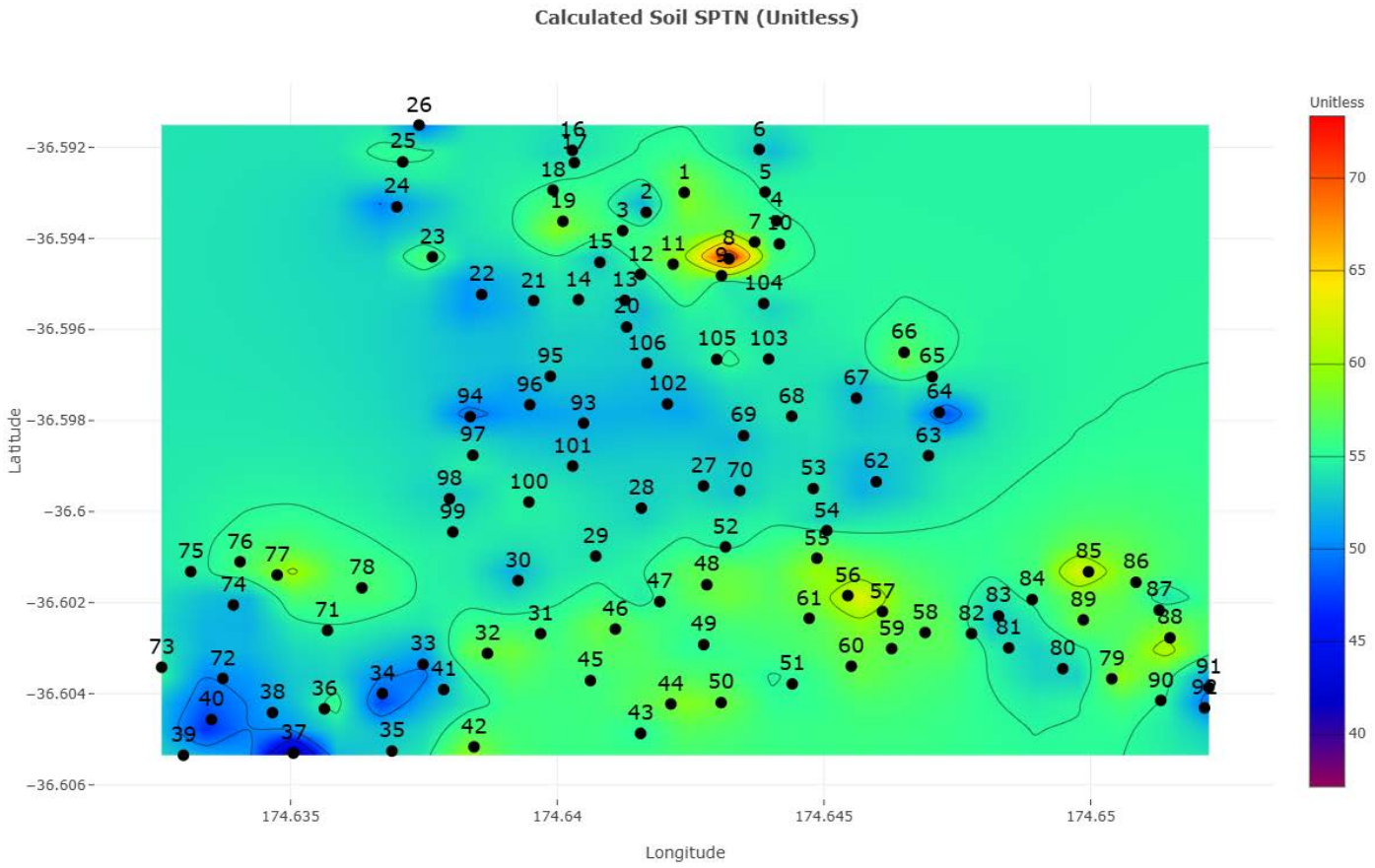
Soil Permeability



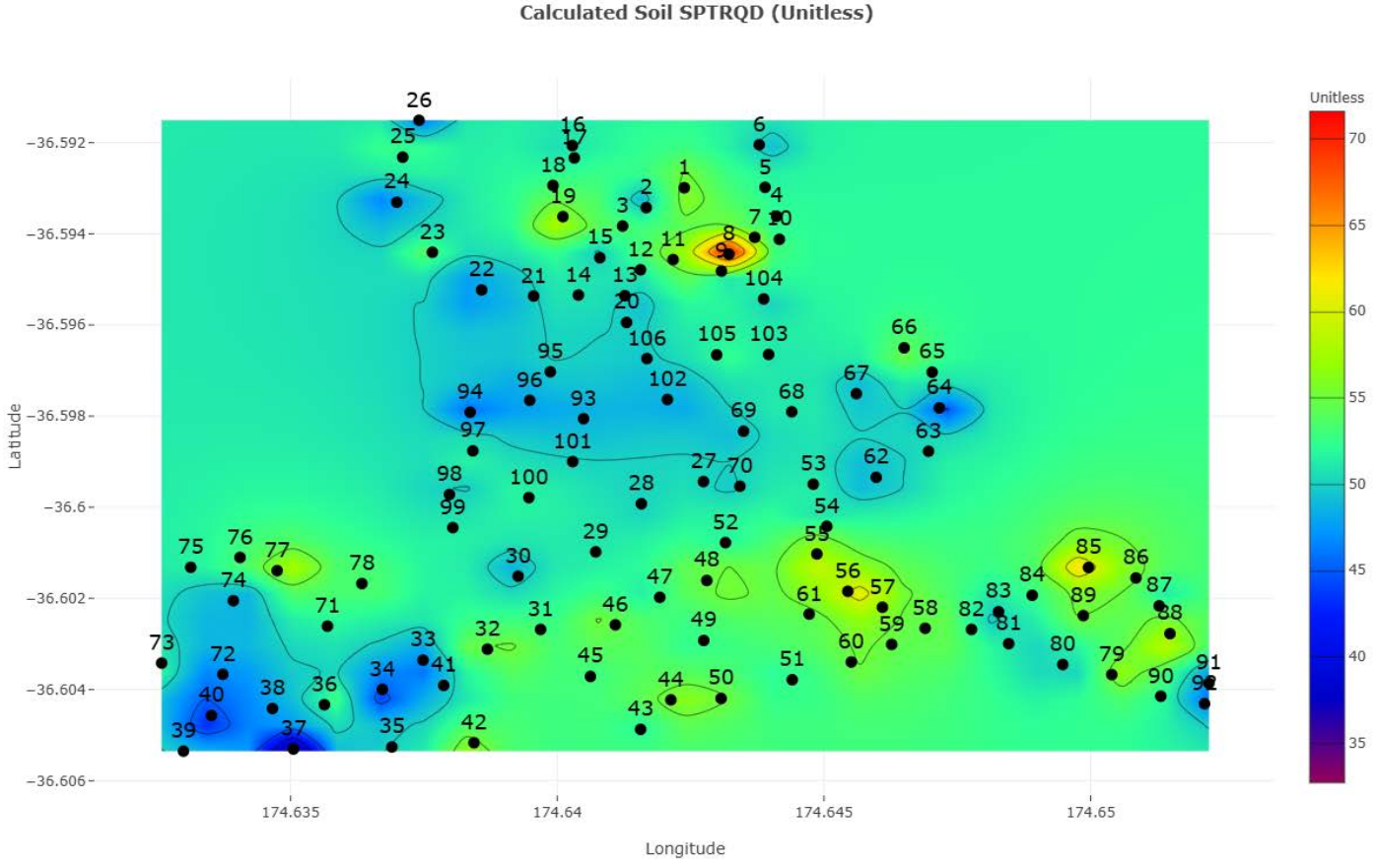
Soil Clay Content



Soil SPTN

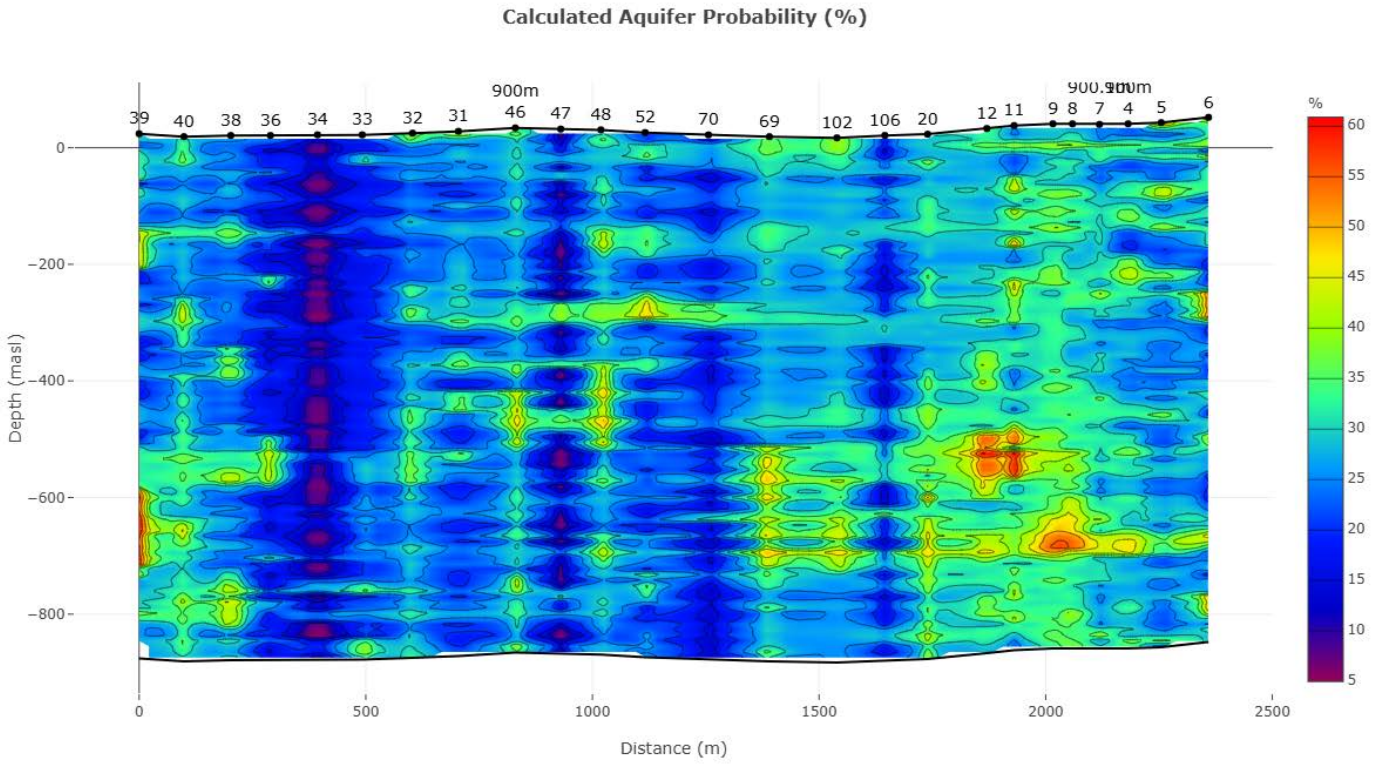


Soil SPTRQD

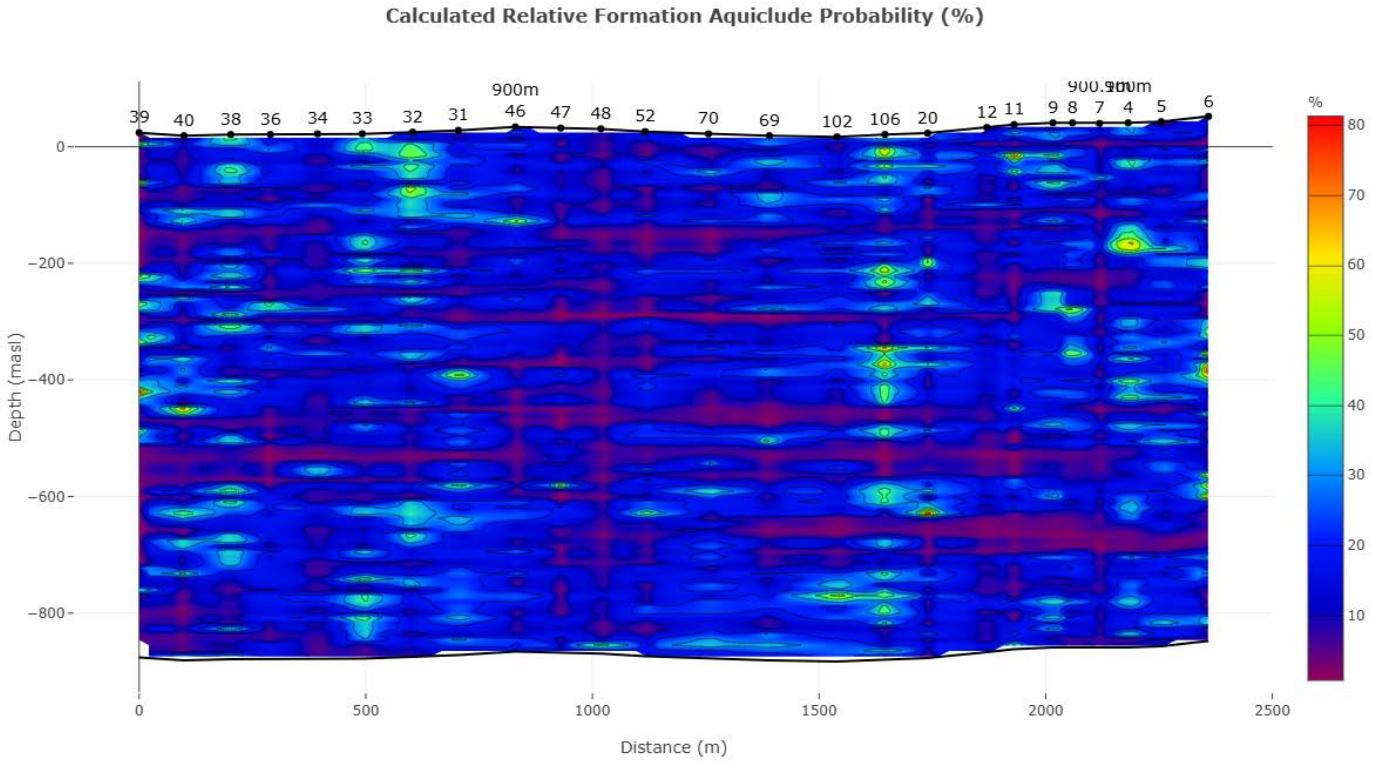


Site Section Lines

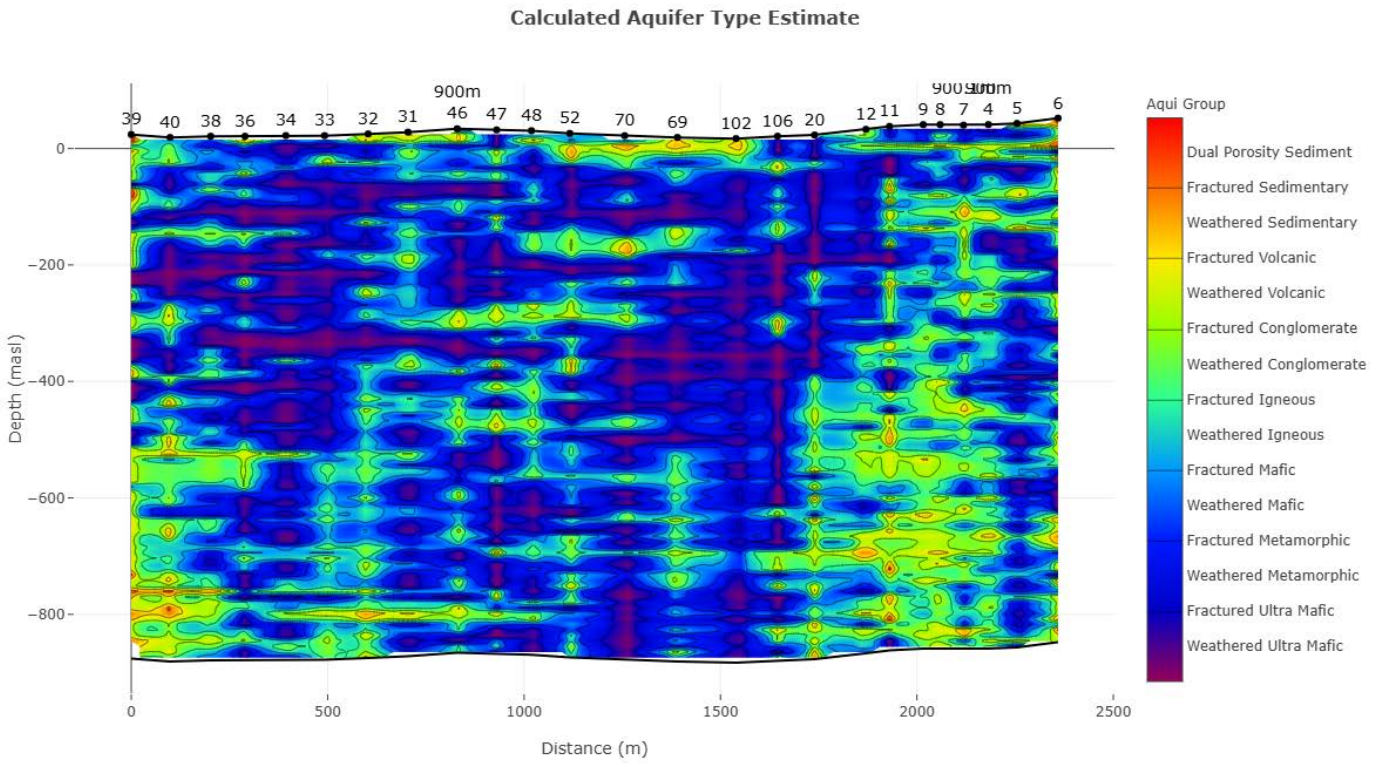
Aquifer Probability



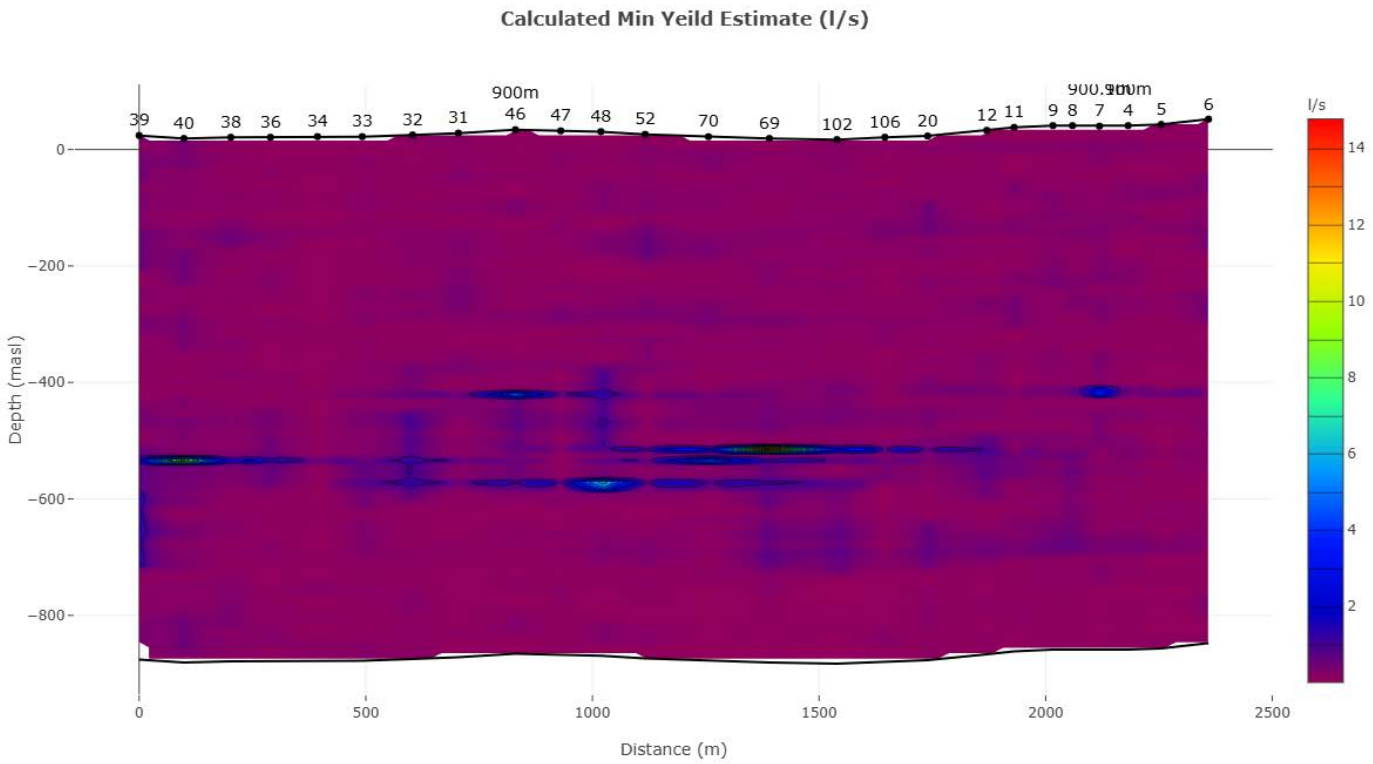
Aquiclude Probability



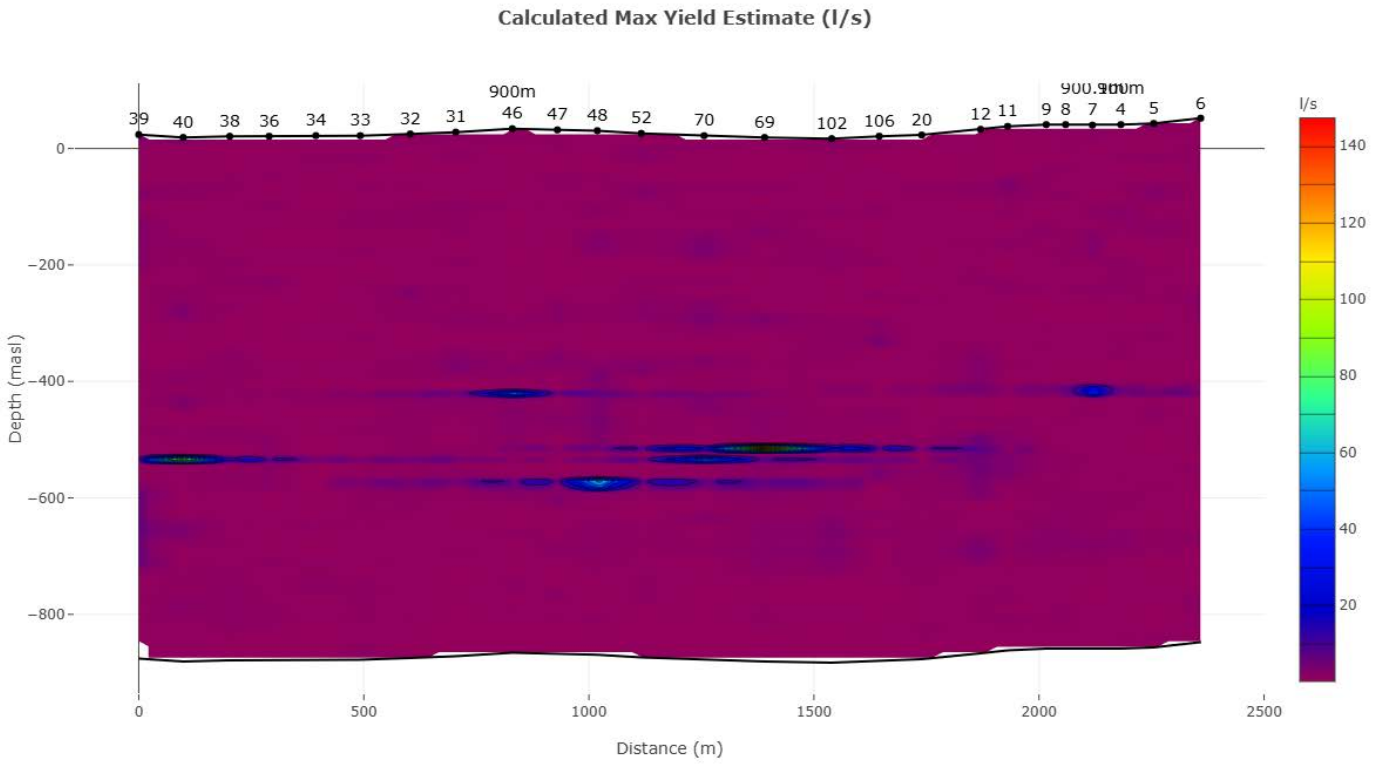
Aquifer Type



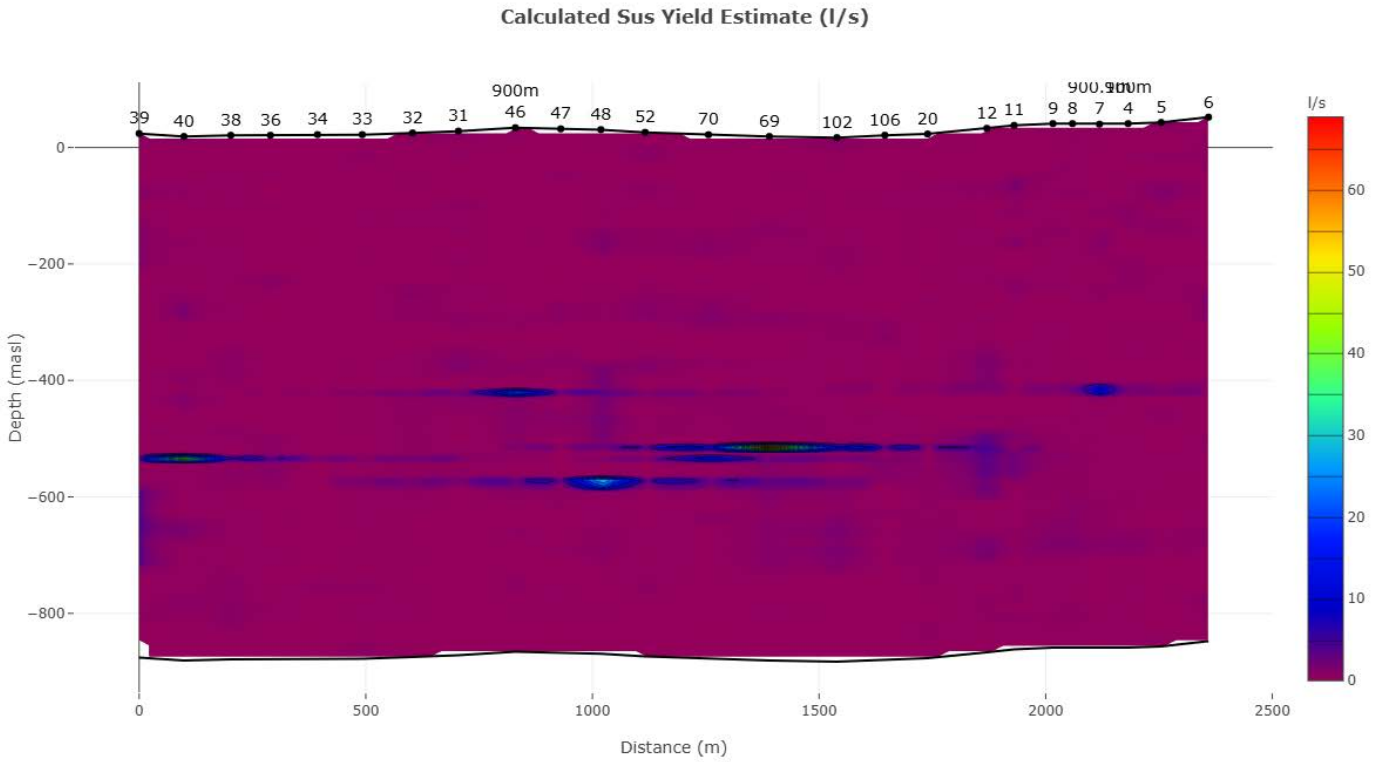
Min Yield



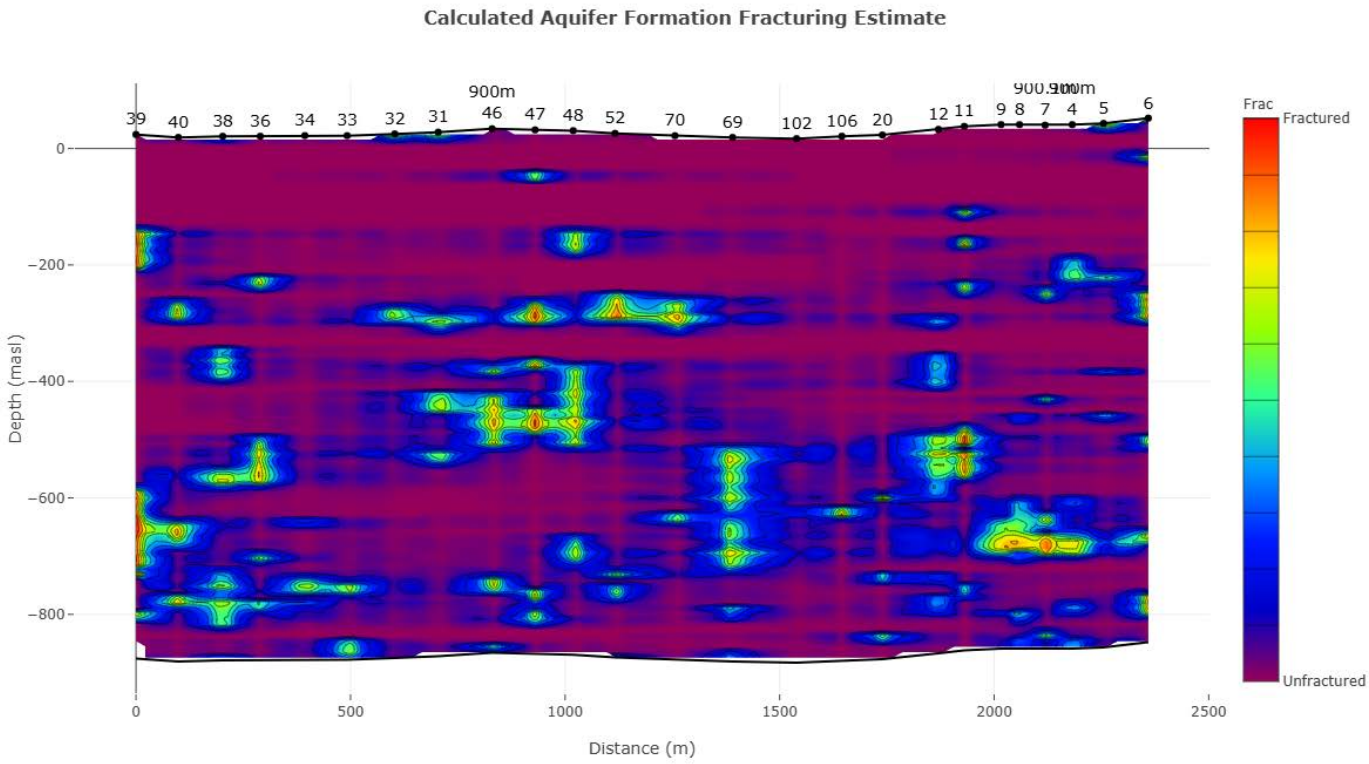
Max Yield



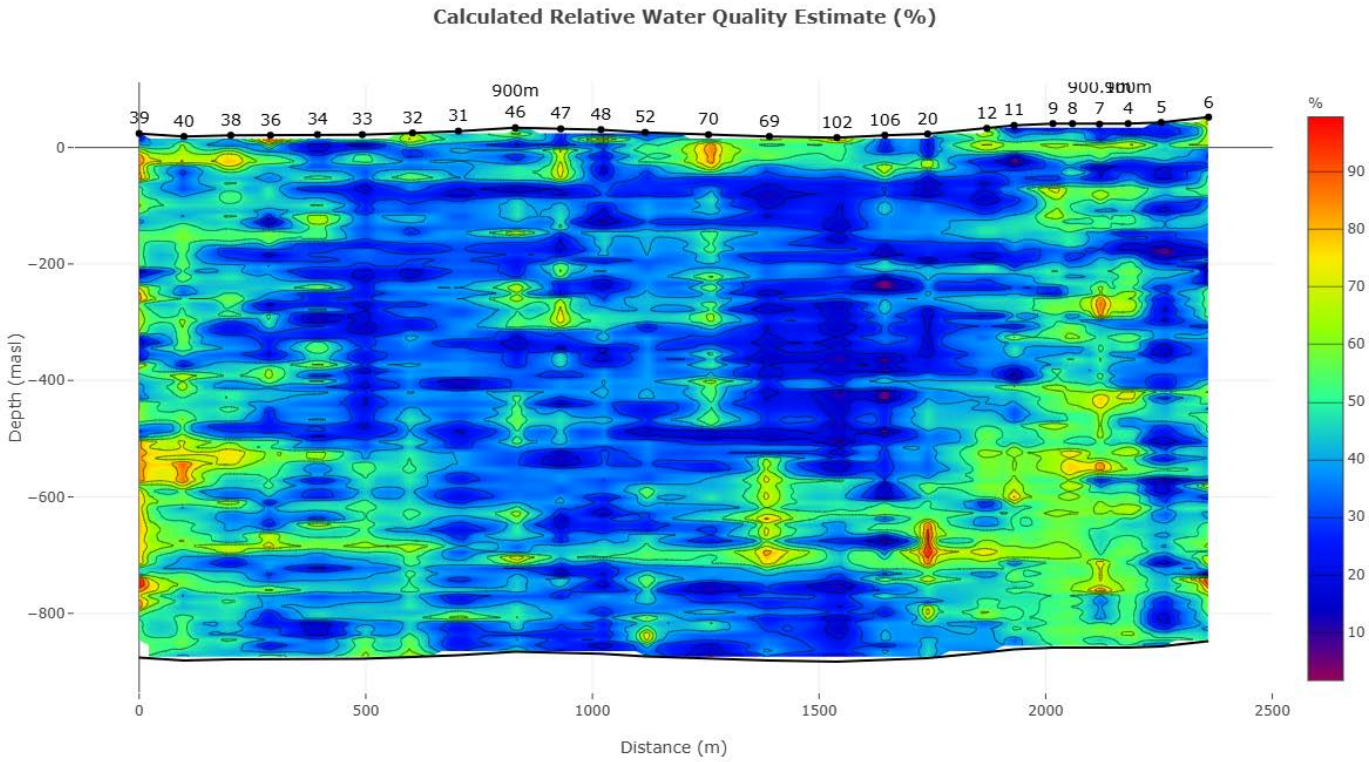
Sus Yield



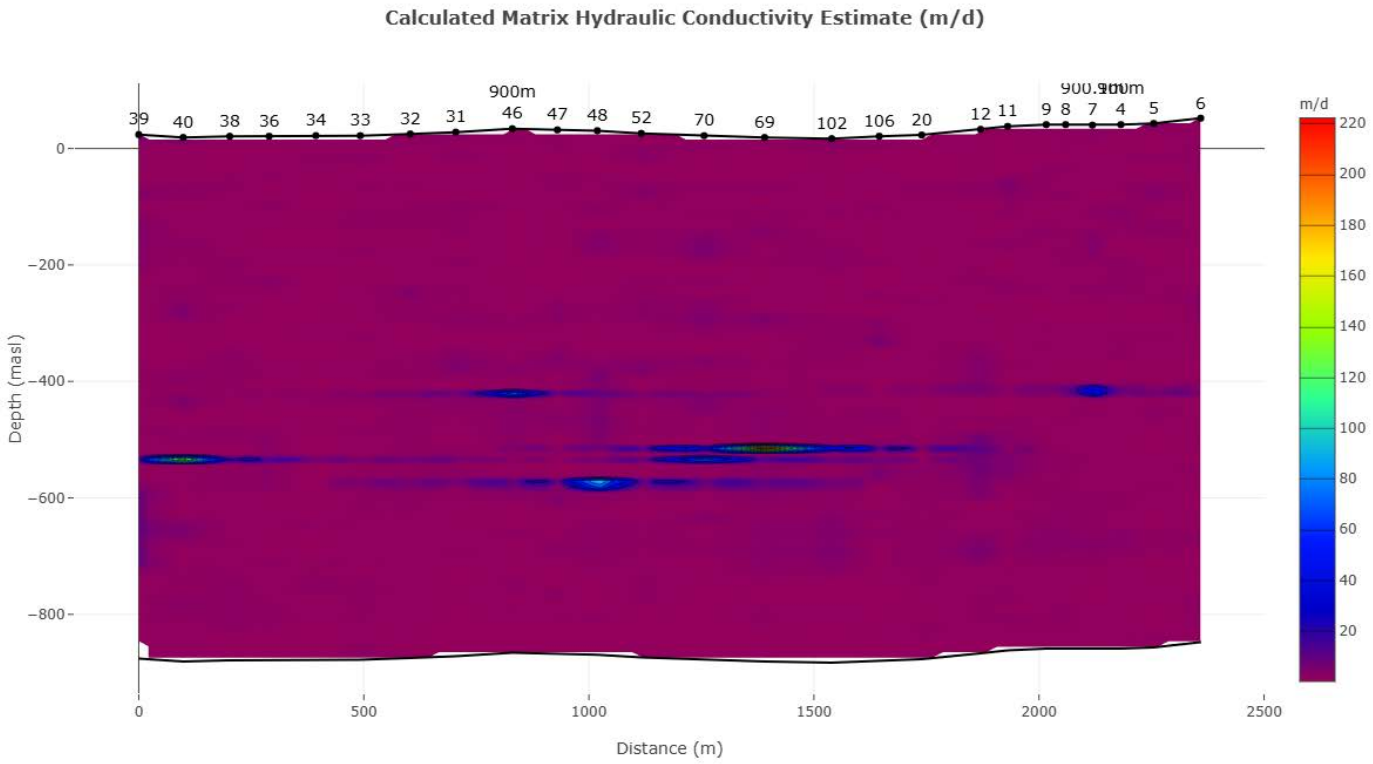
Fractured Aquifer



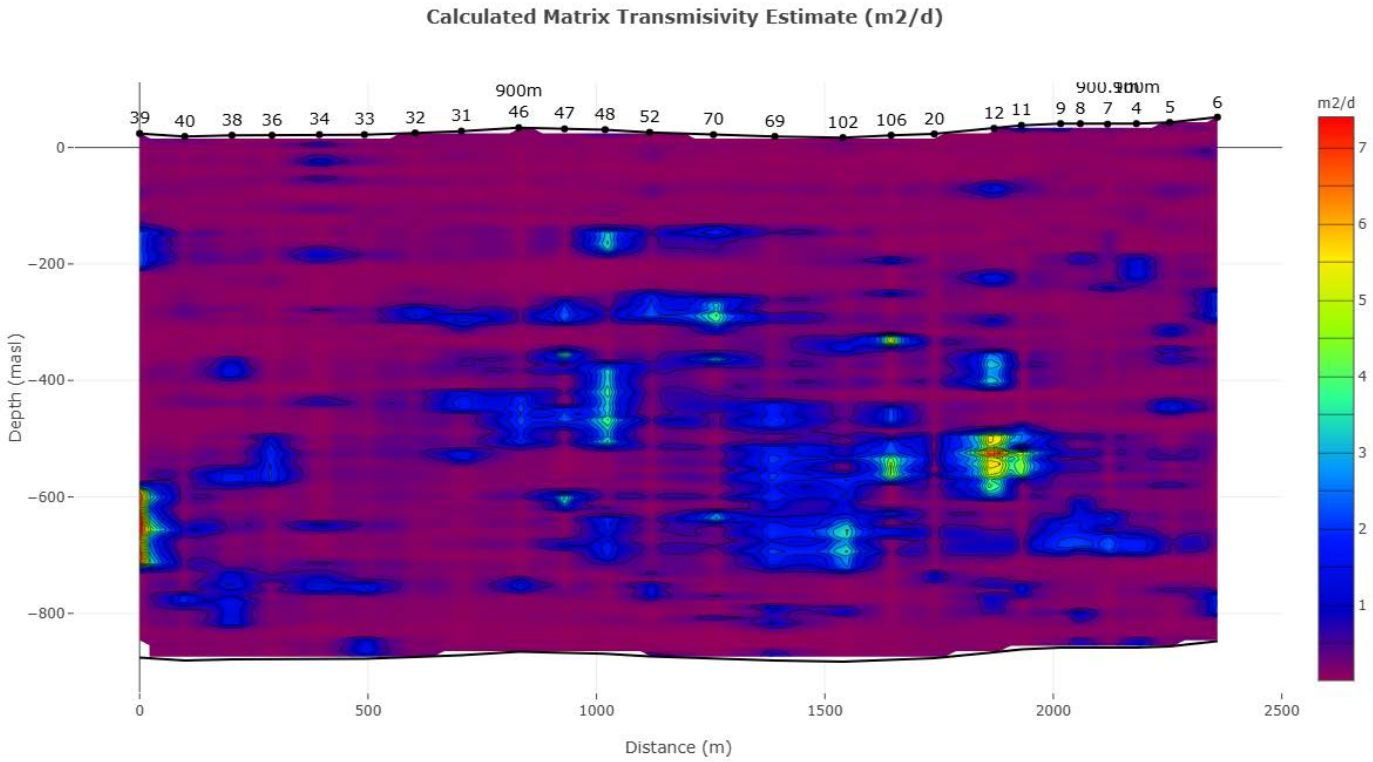
Water Quality



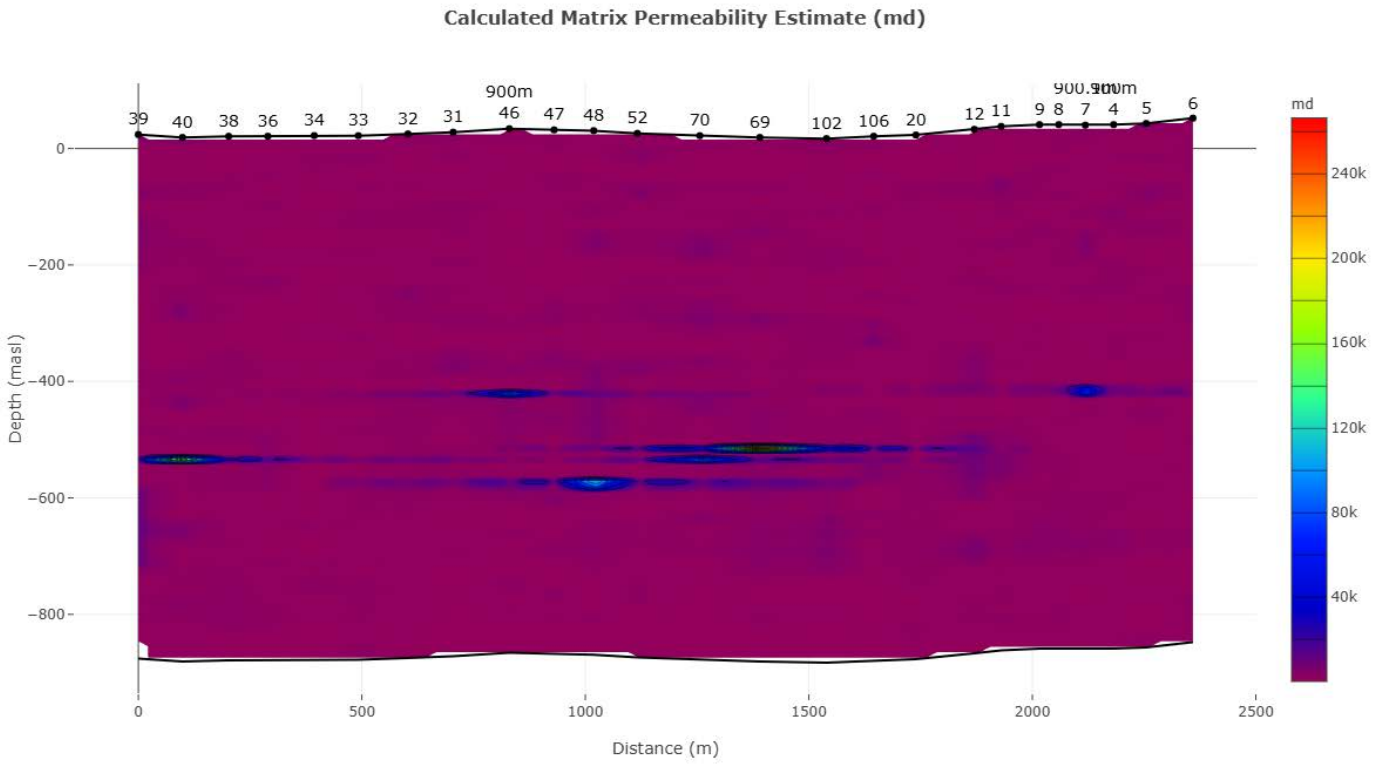
Matrix Hydraulic Conductivity



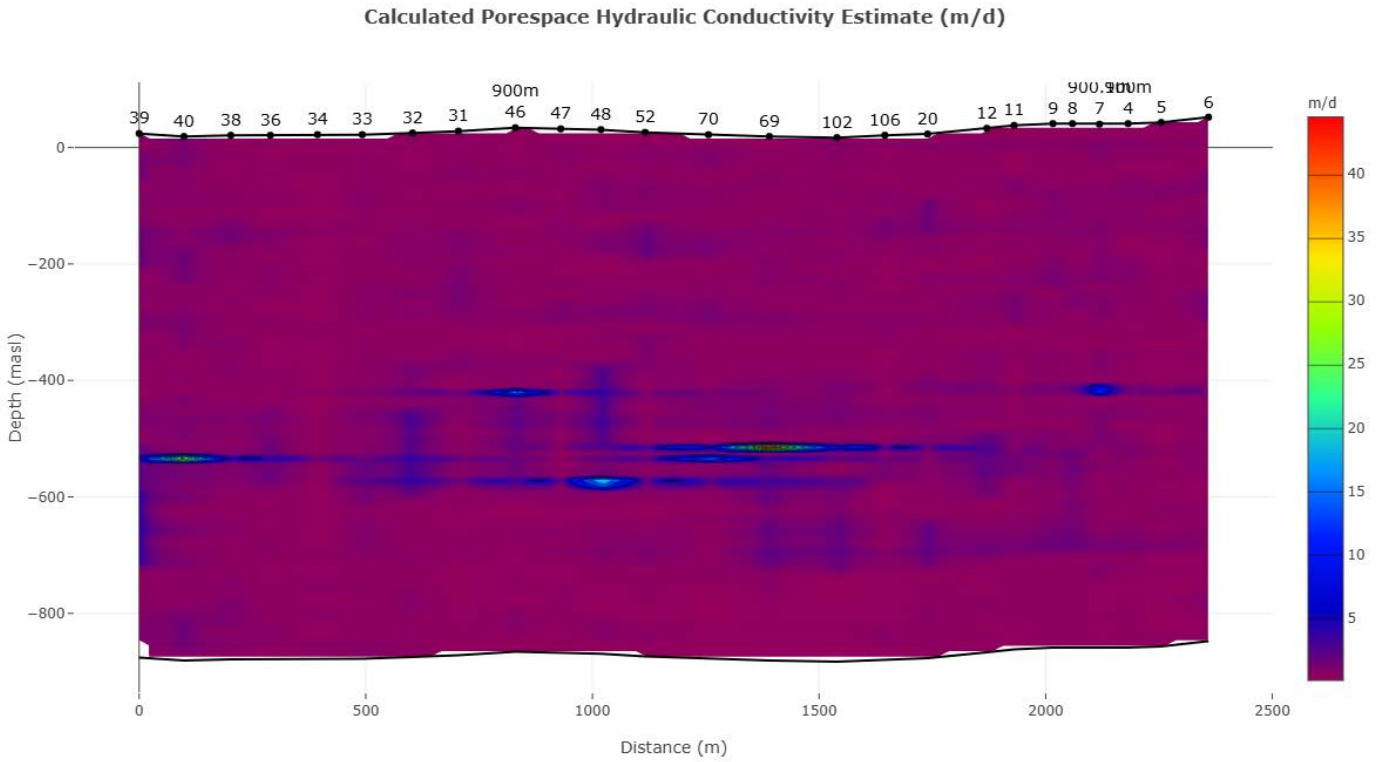
Matrix Transmissivity



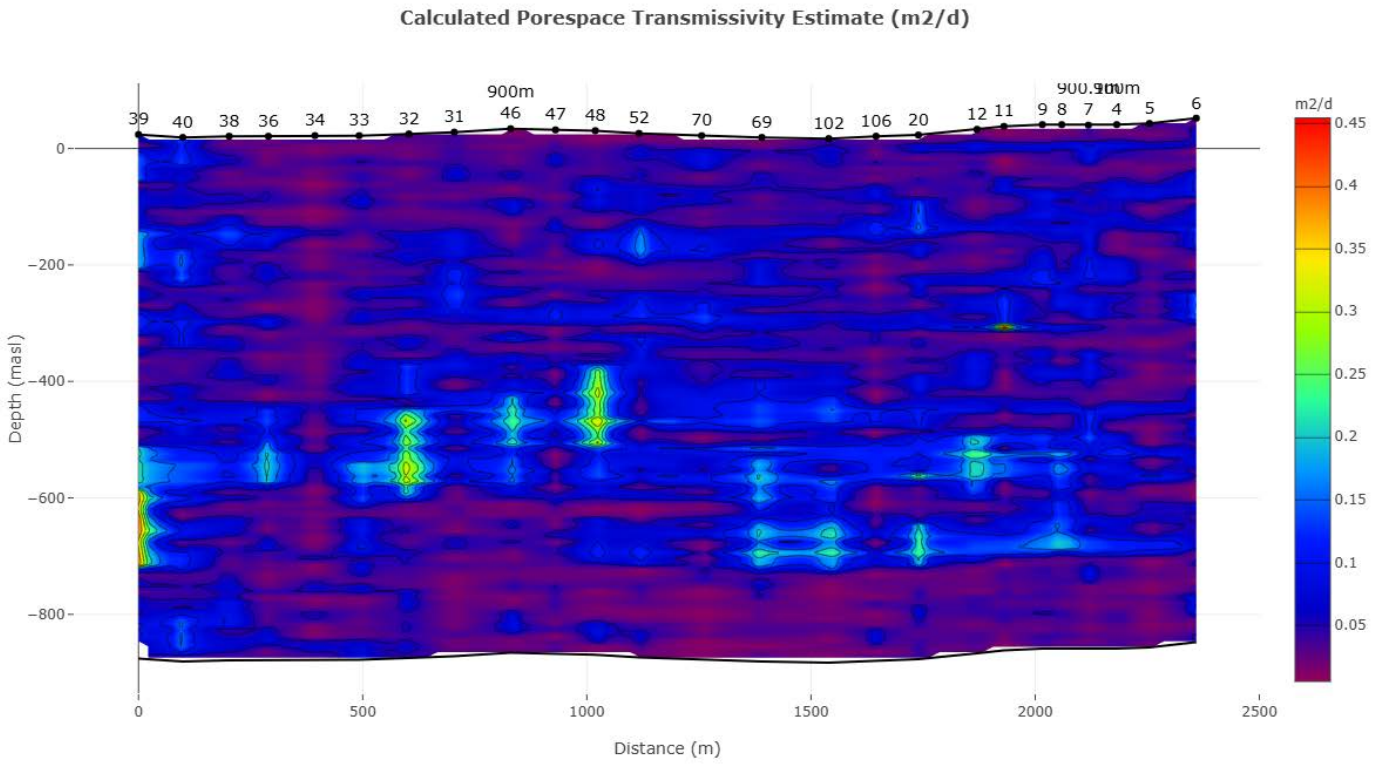
Matrix Permeability



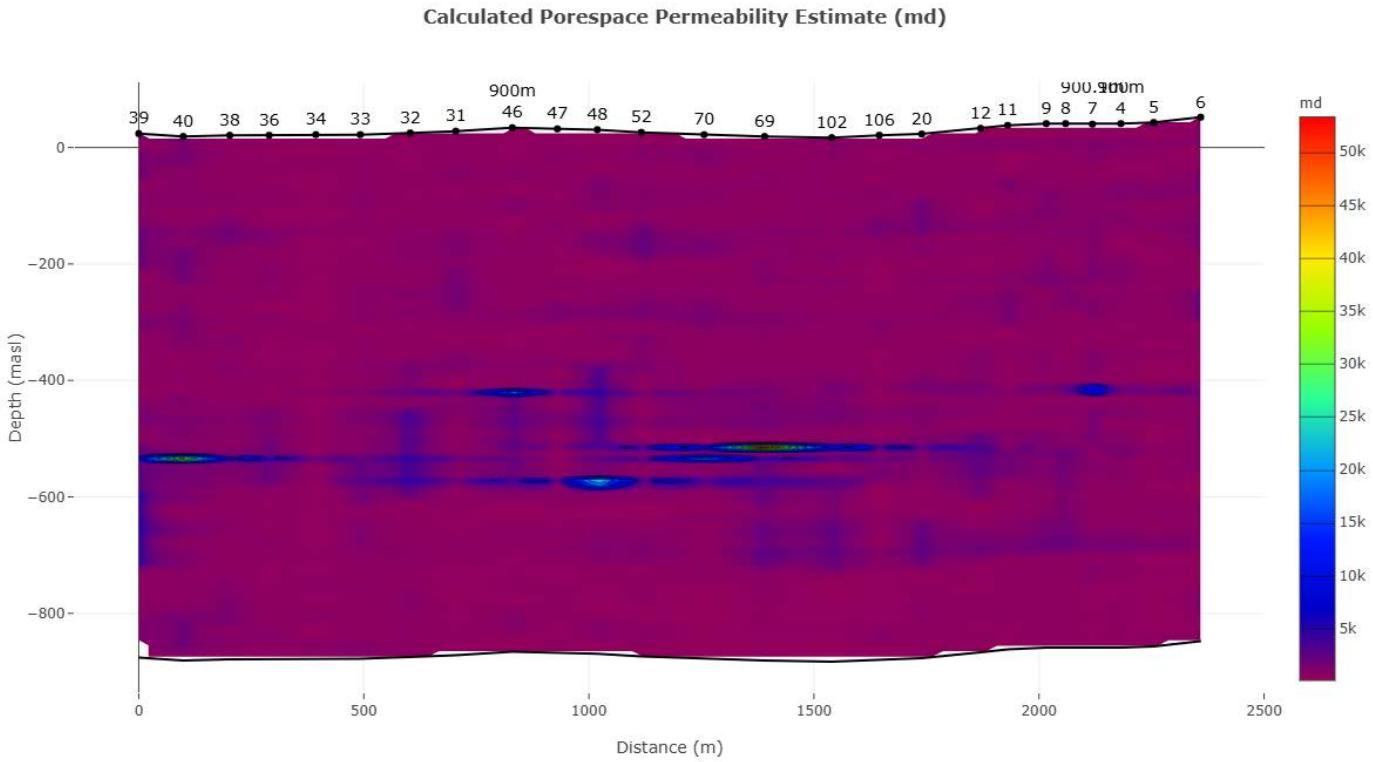
Porespace Hydraulic Conductivity



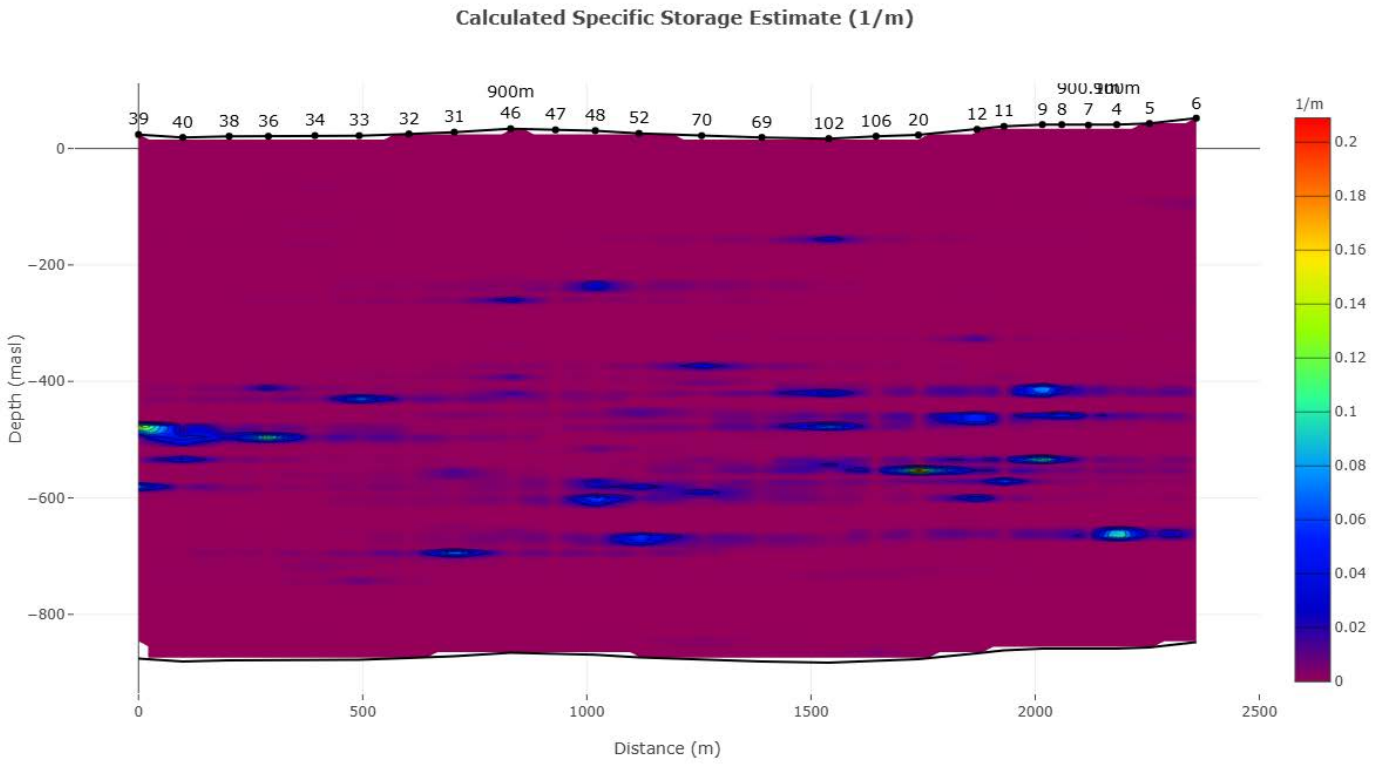
Porespace Transmissivity



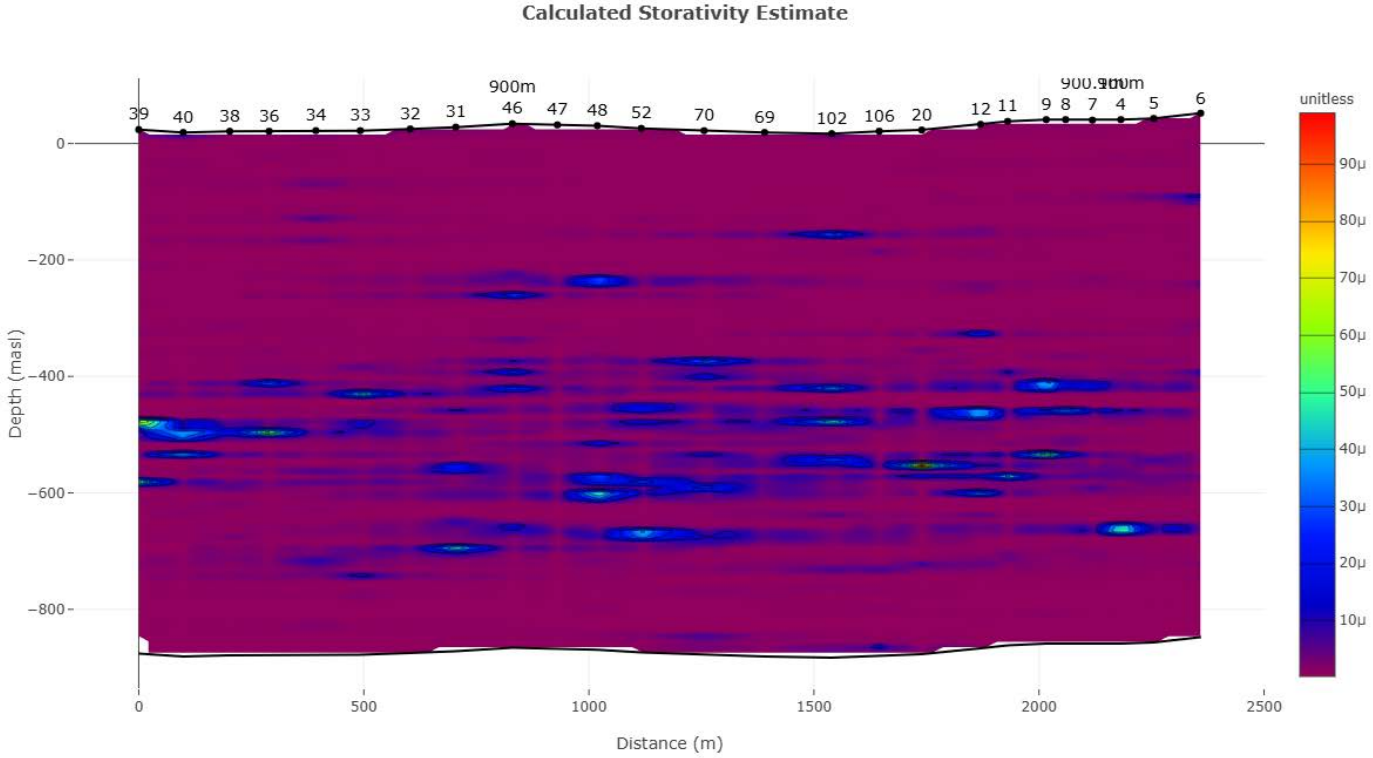
Porespace Permeability



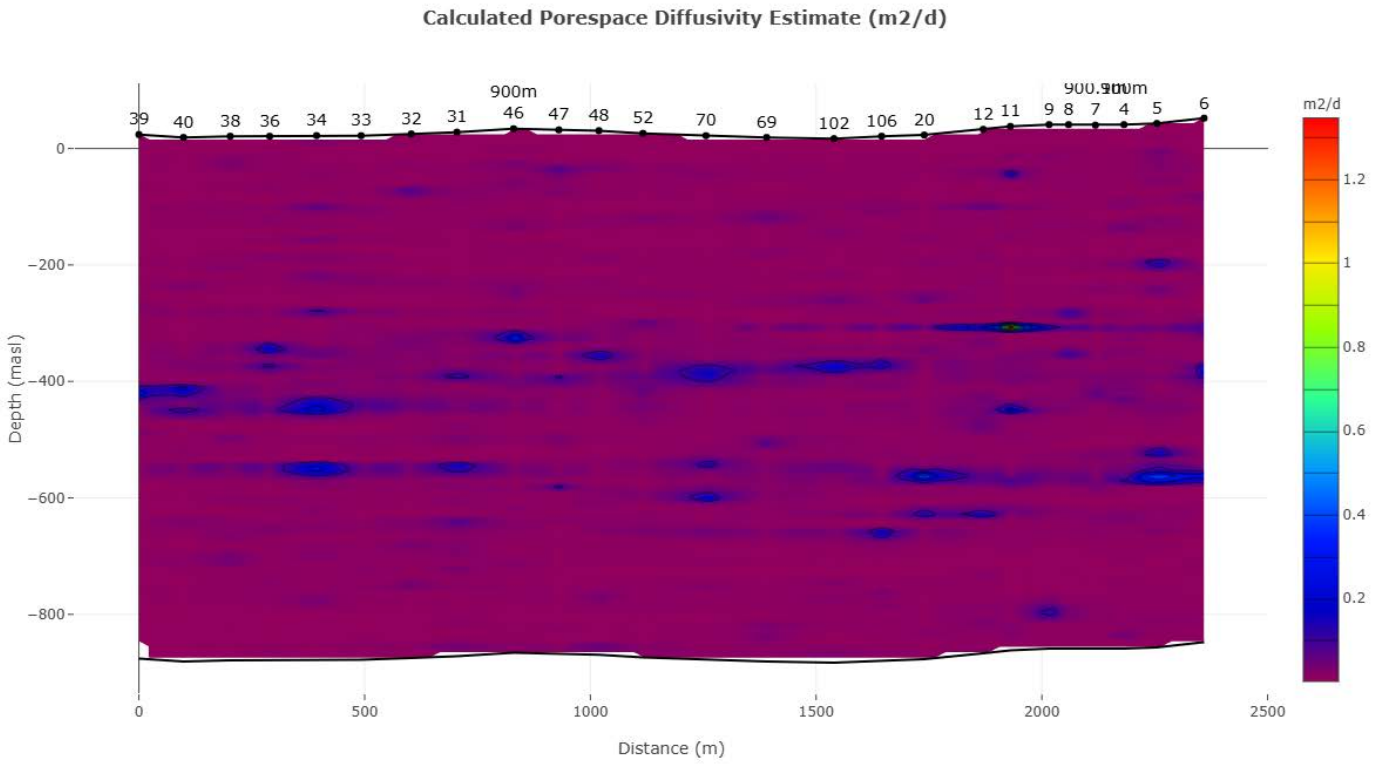
Specific Storage



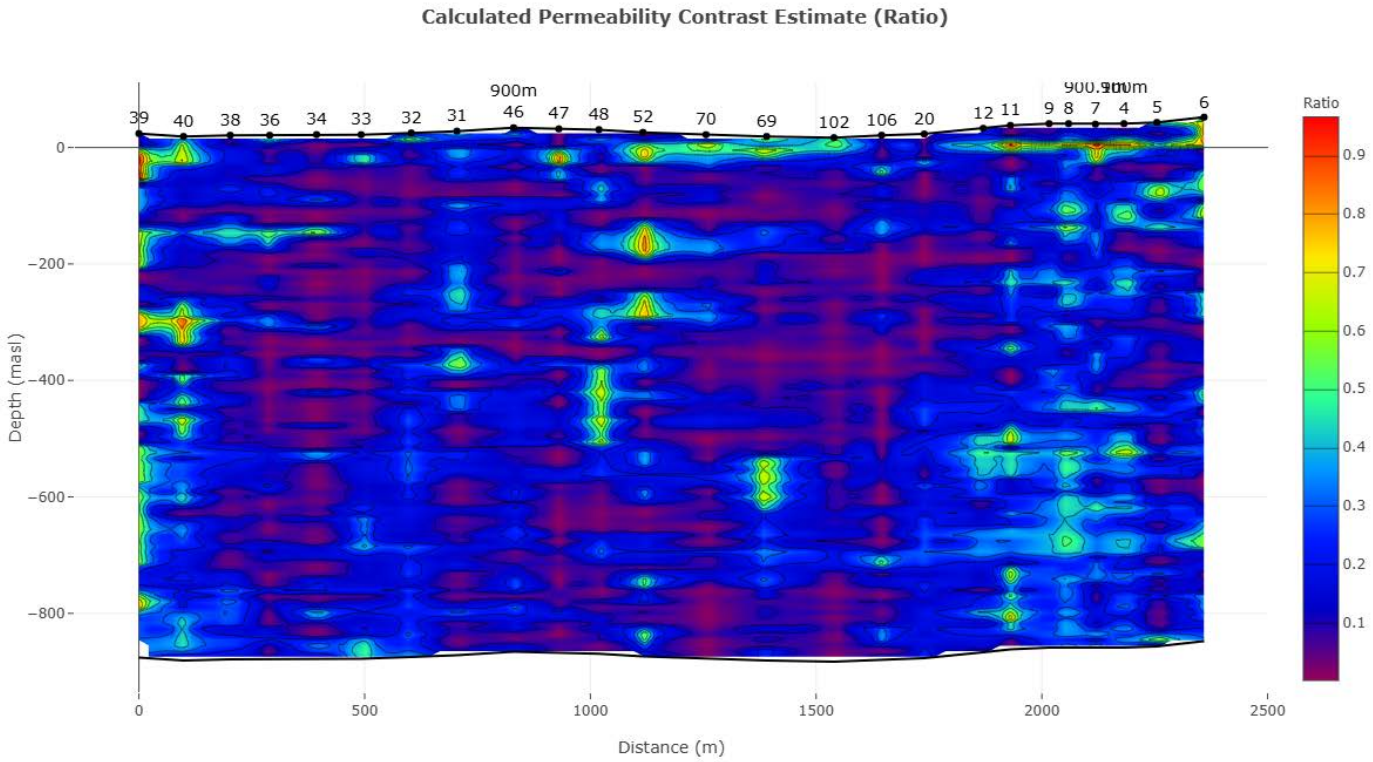
Storativity



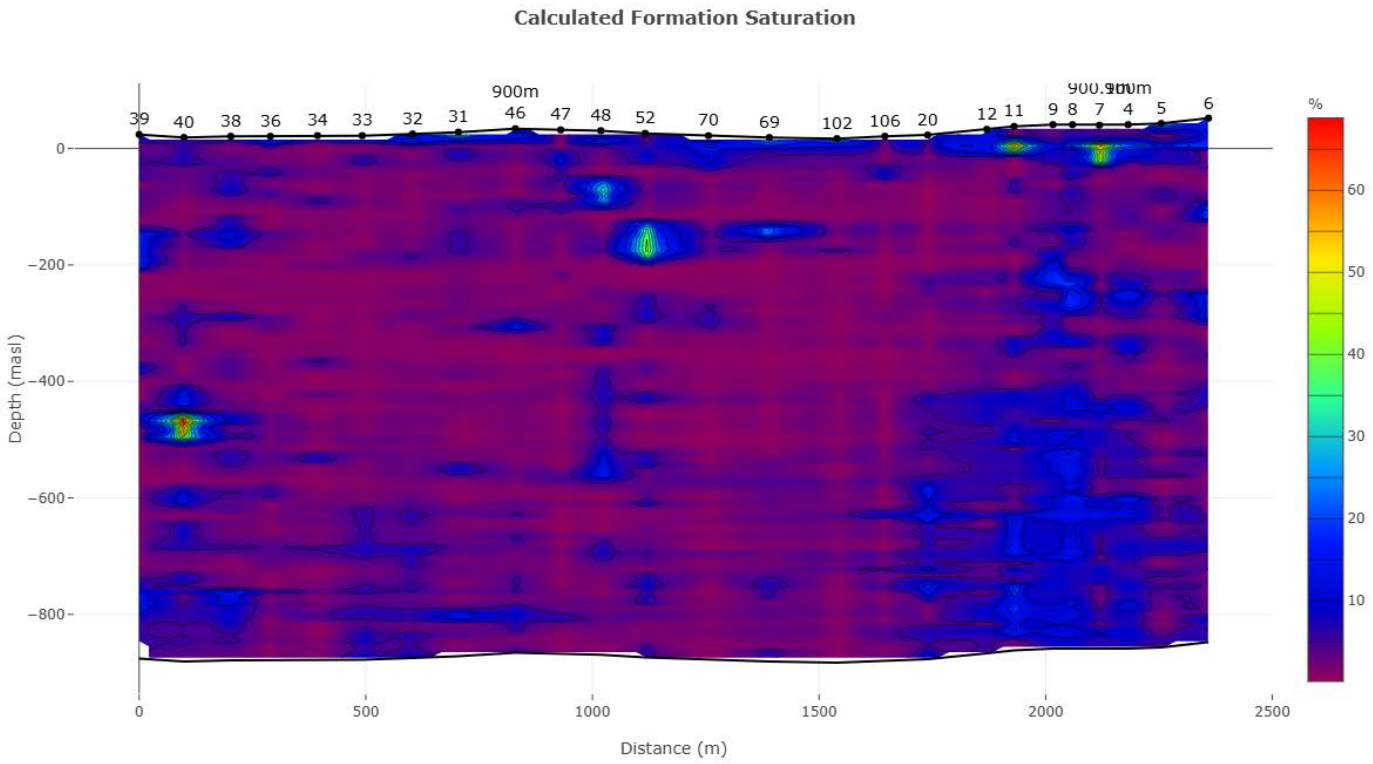
Porespace Diffusivity



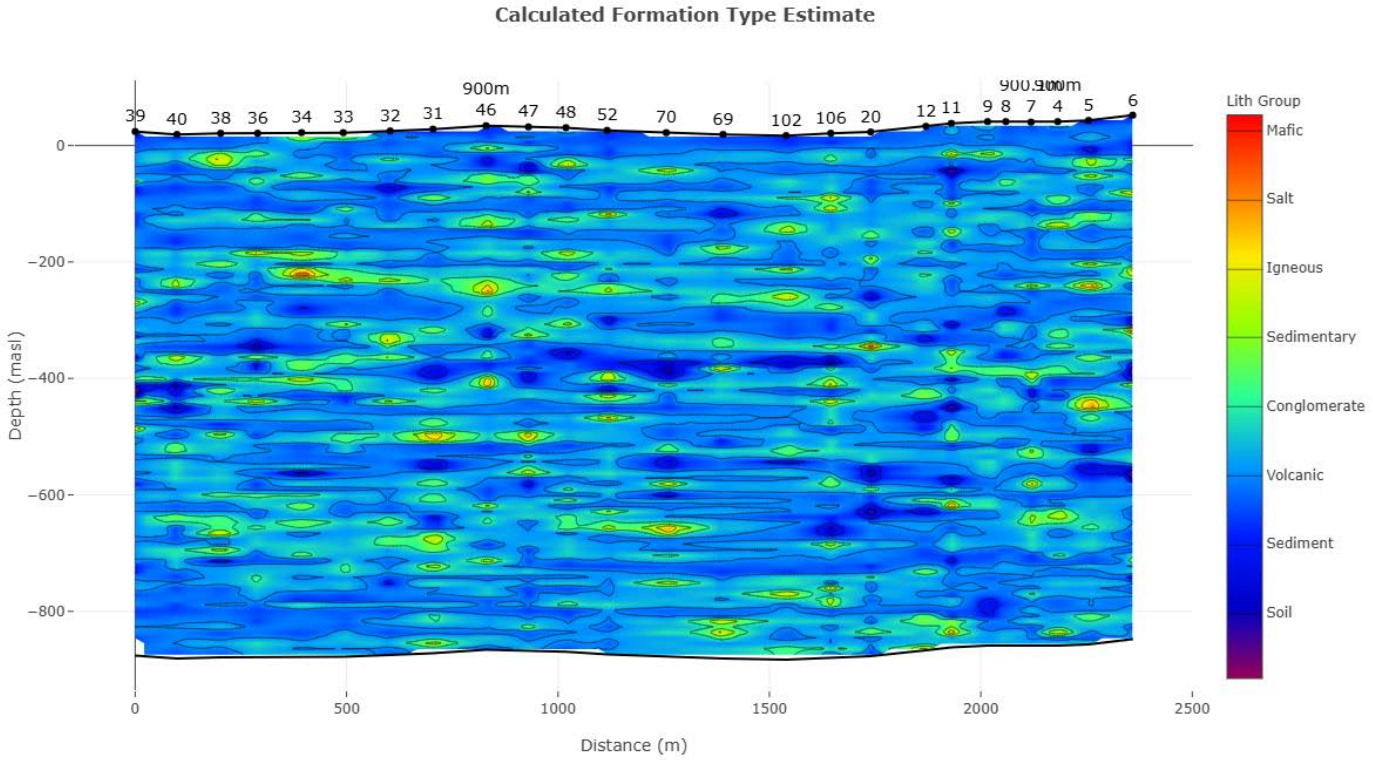
Permeability Contrast



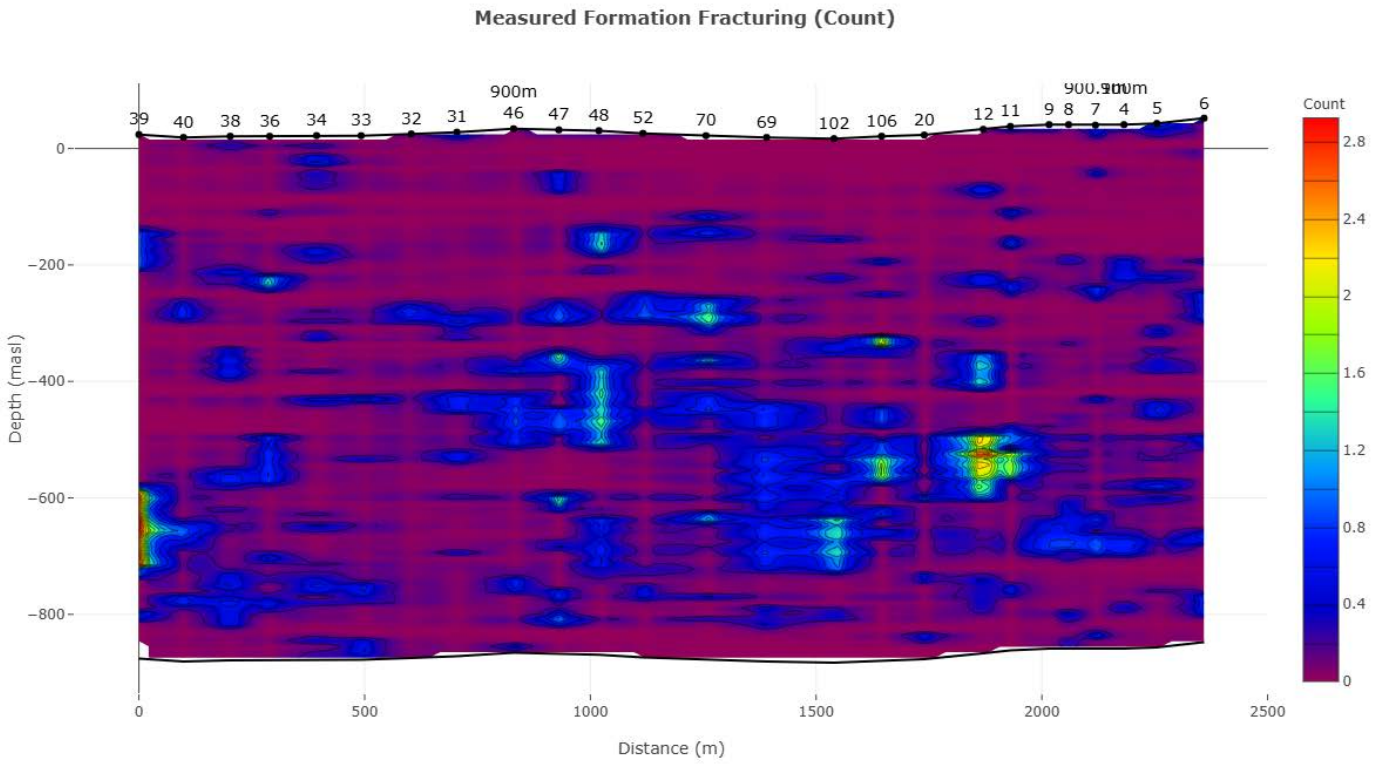
Saturation



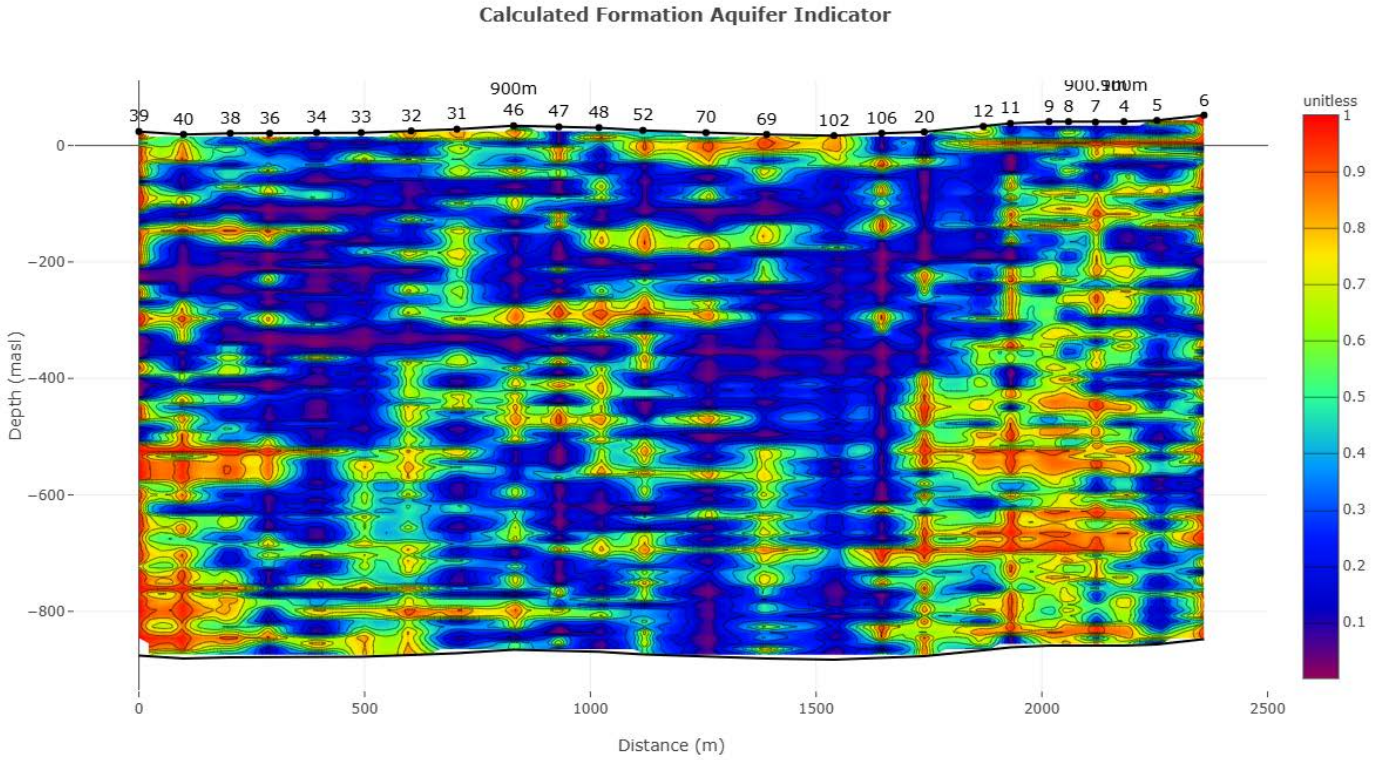
Formation Type



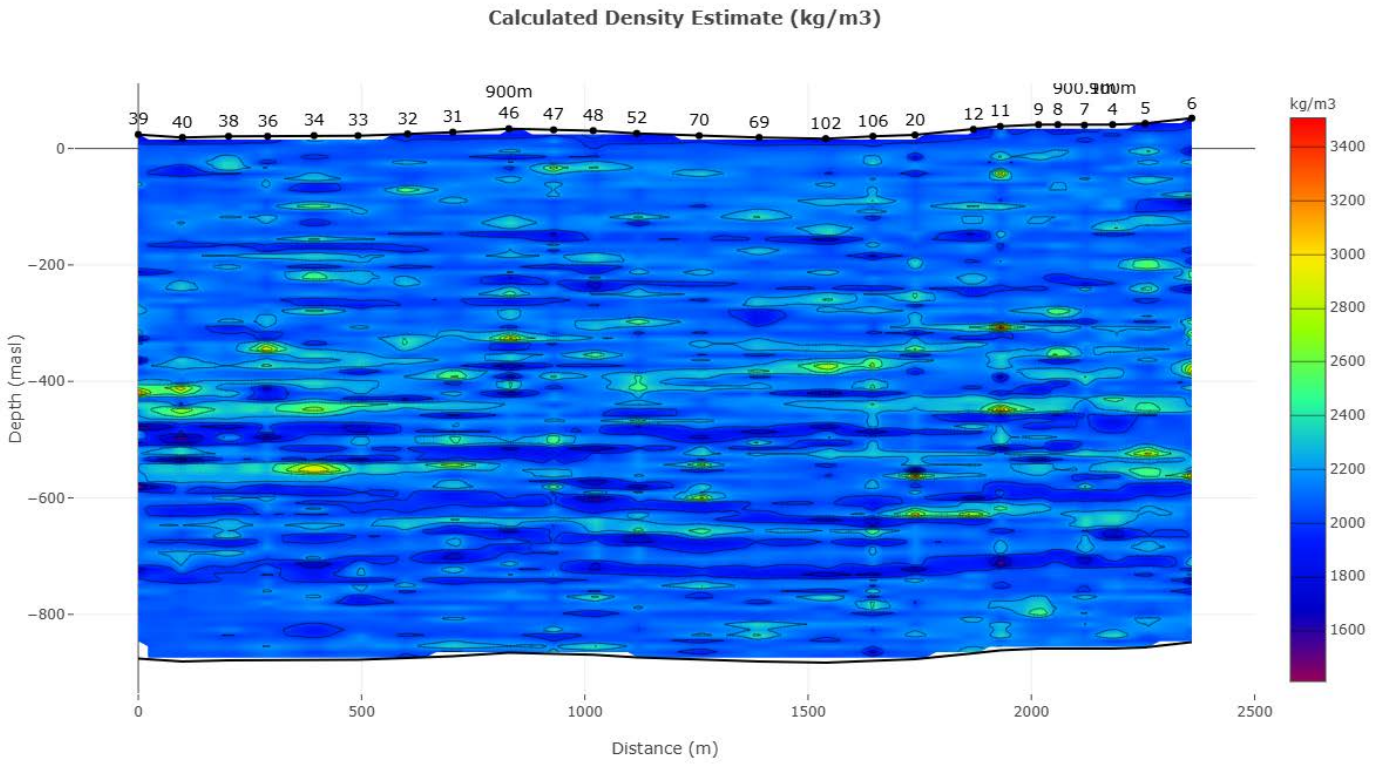
Formation Fracturing



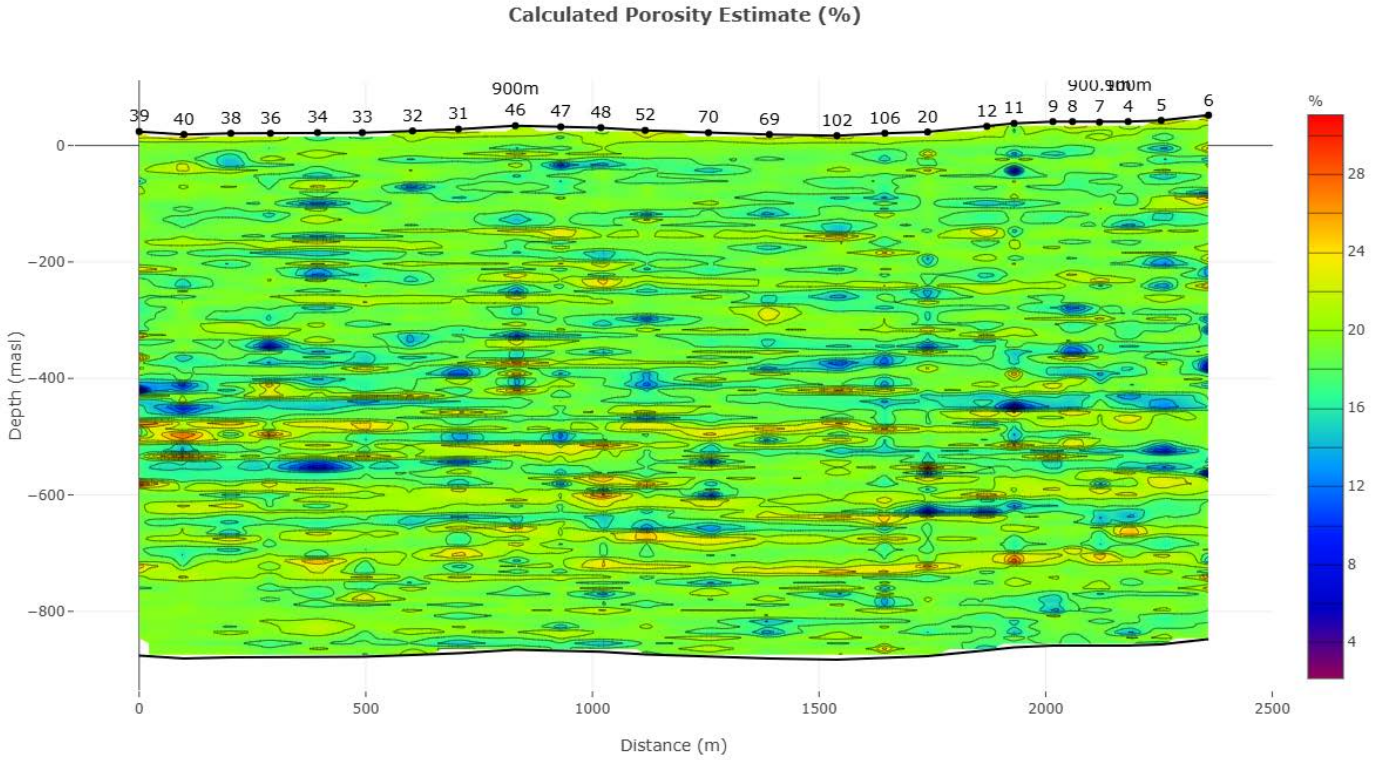
Formation Aquifer Indicator



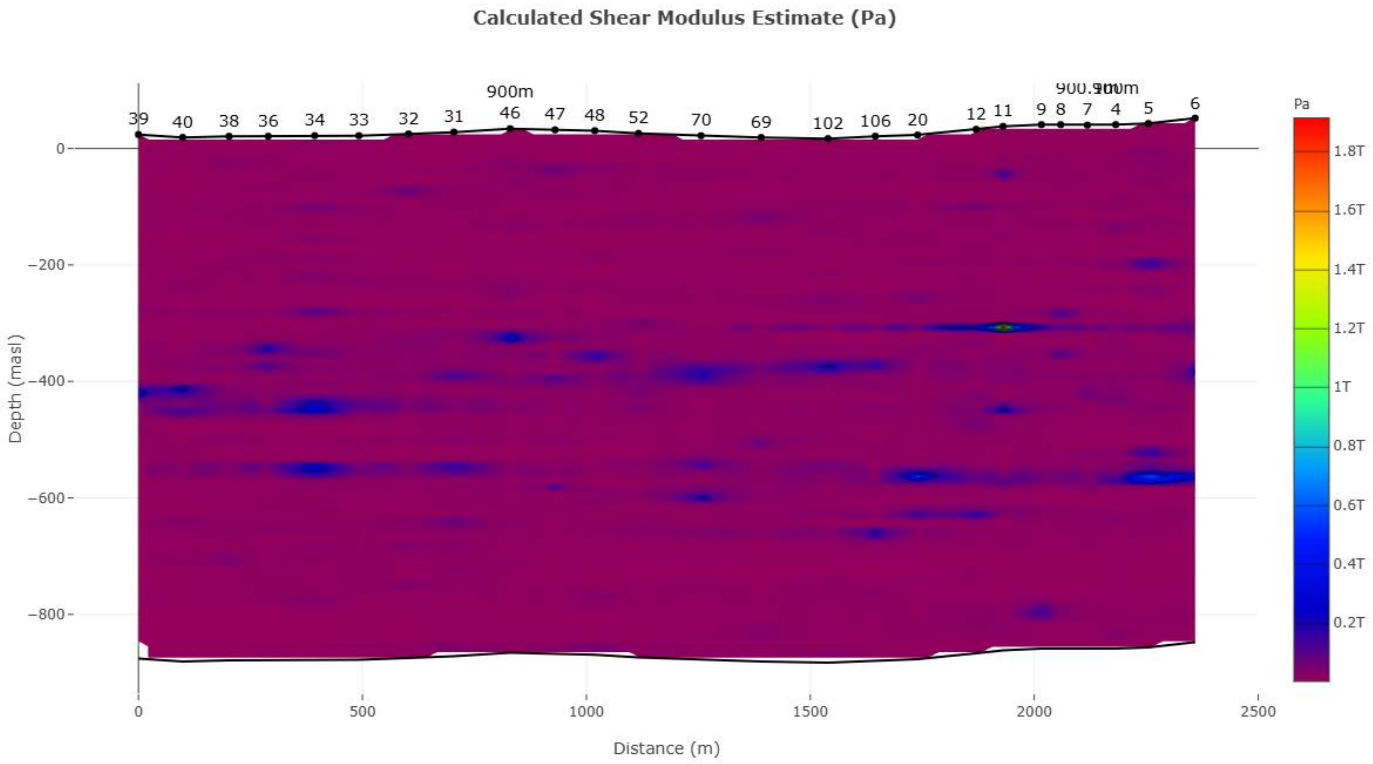
Density



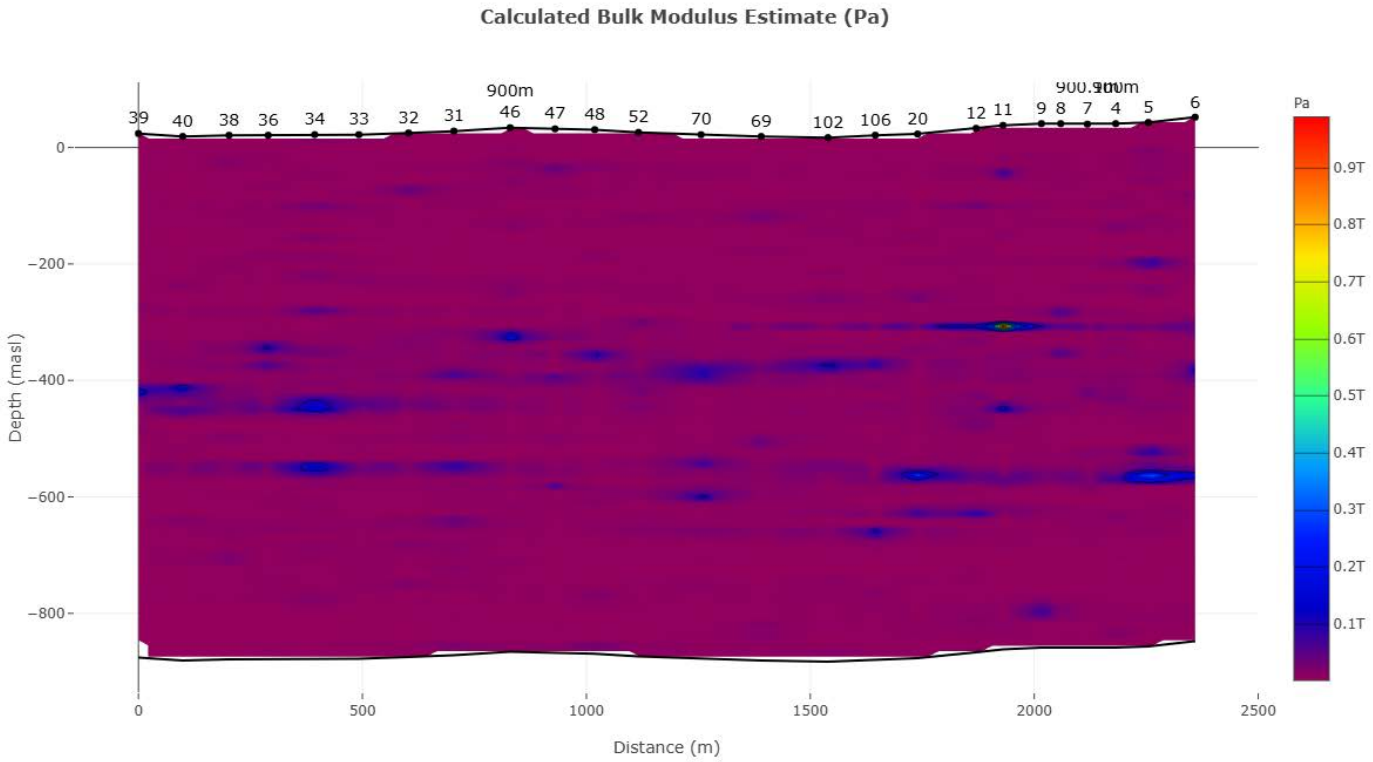
Porosity



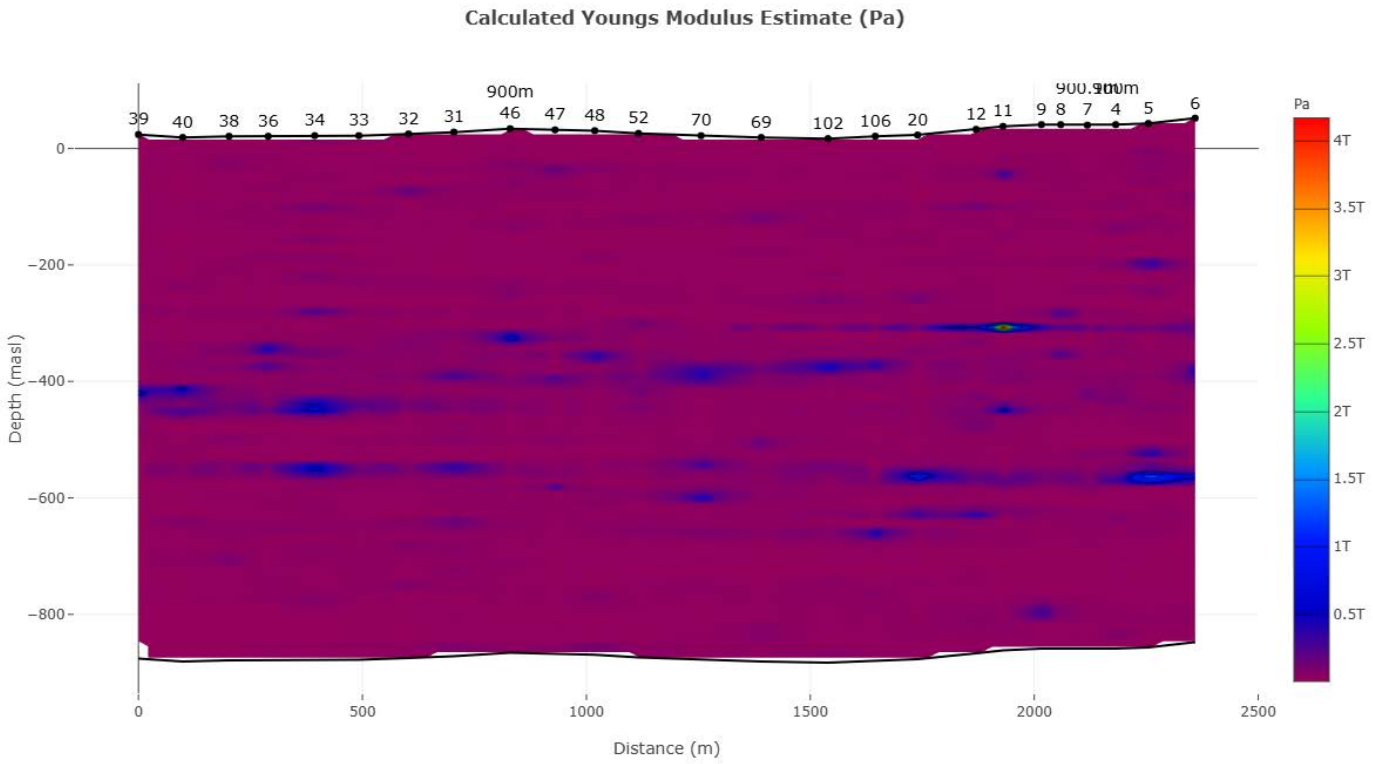
Shear Modulus



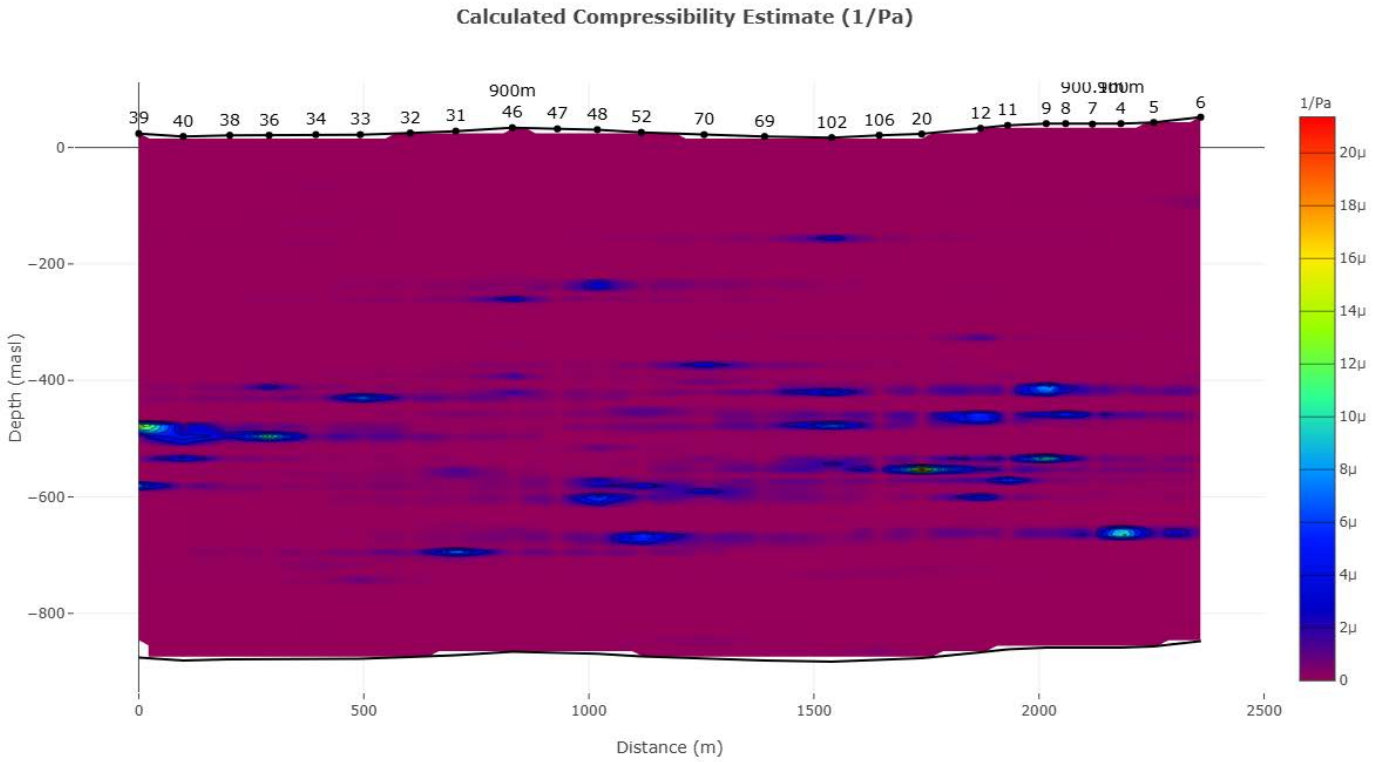
Bulk Modulus



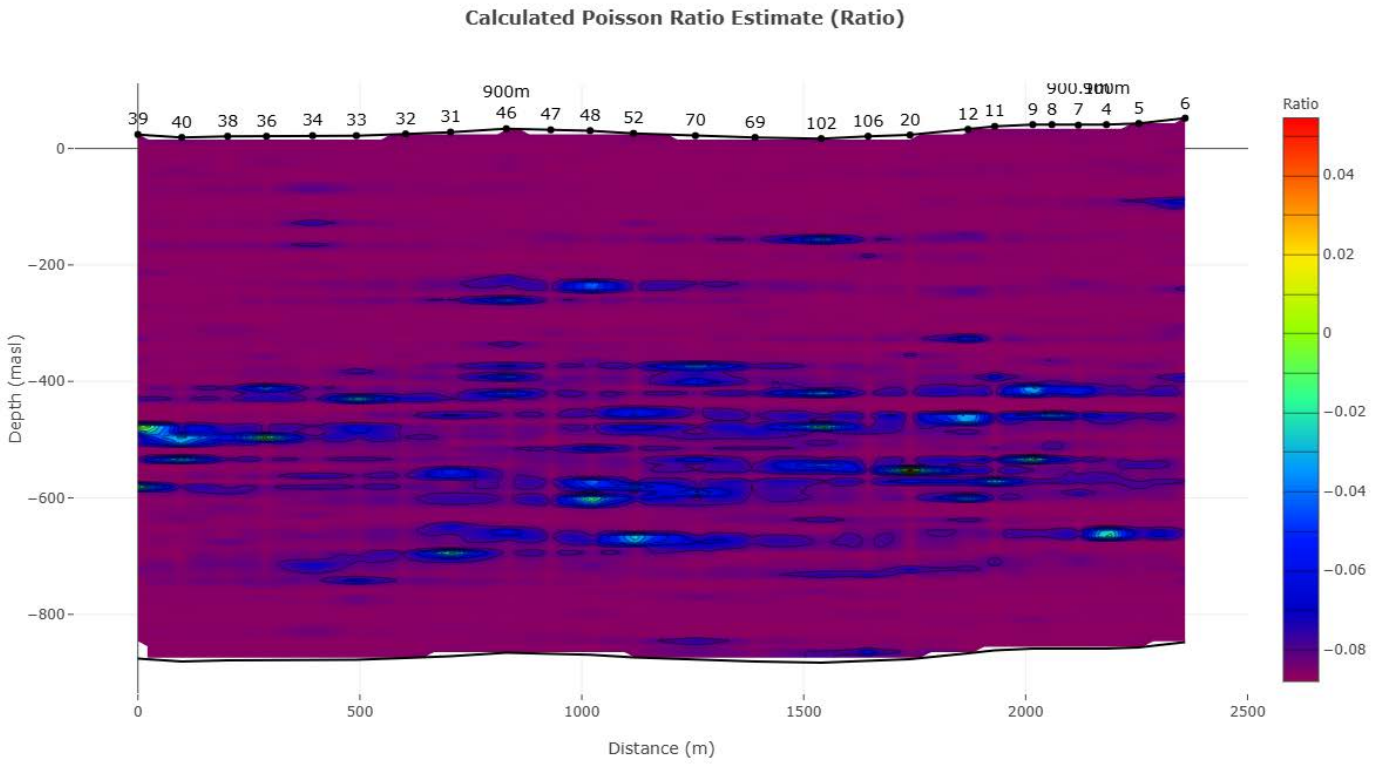
Youngs Modulus



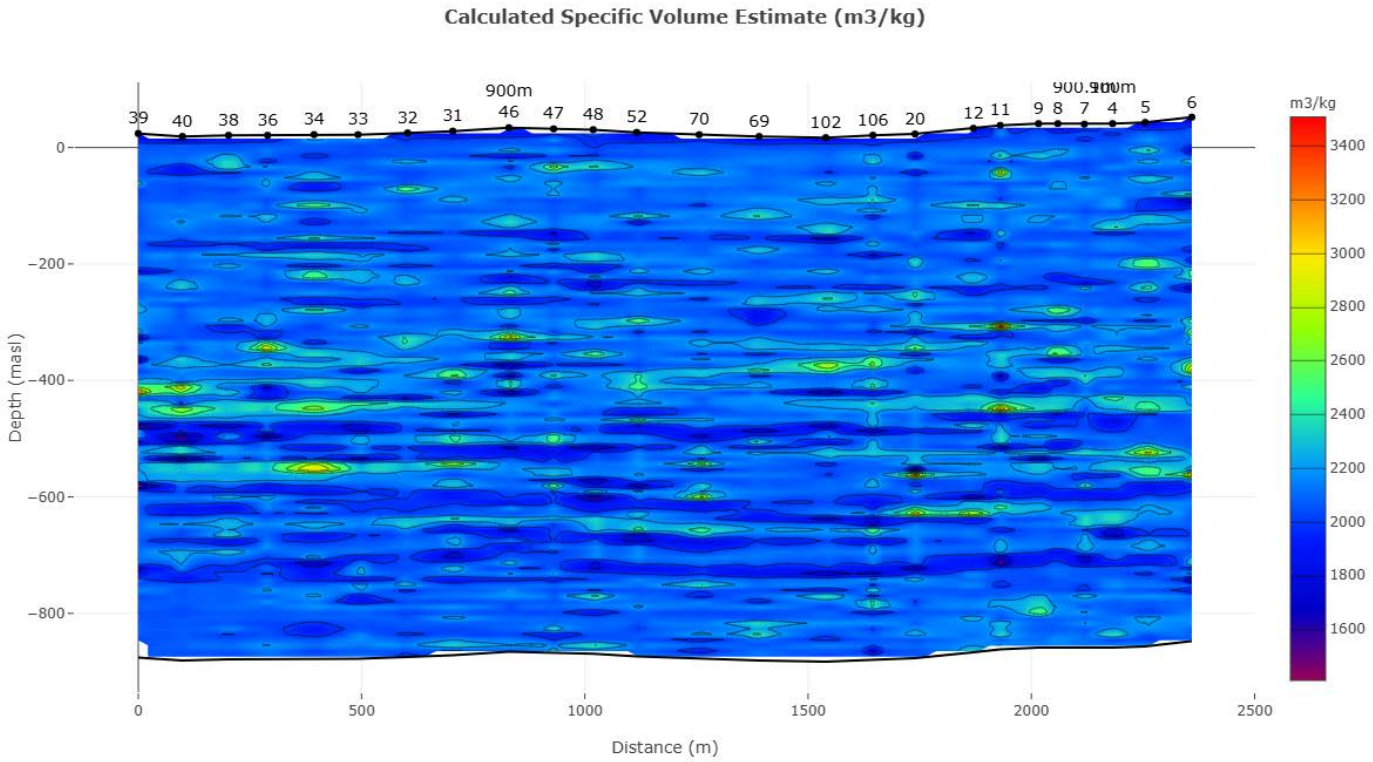
Compressibility



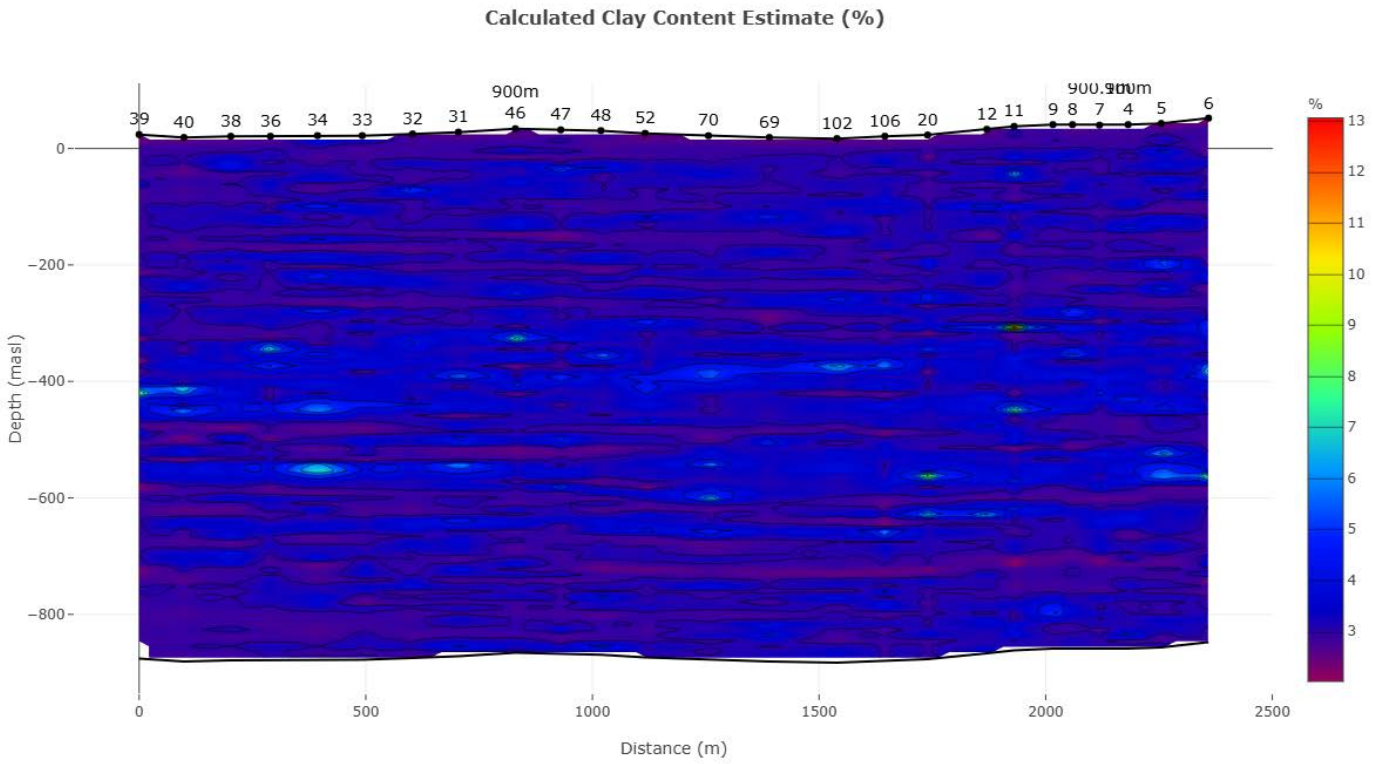
Poisson Ratio



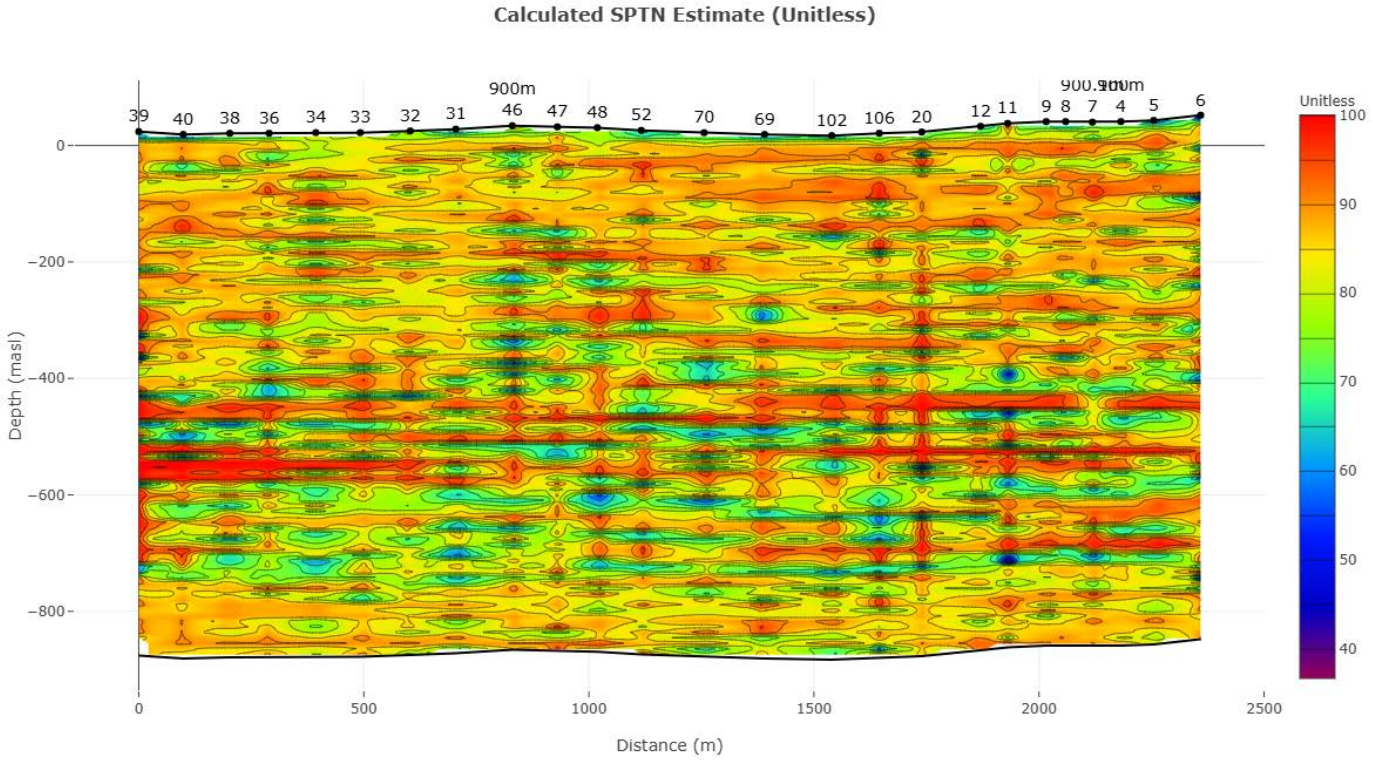
Specific Volume



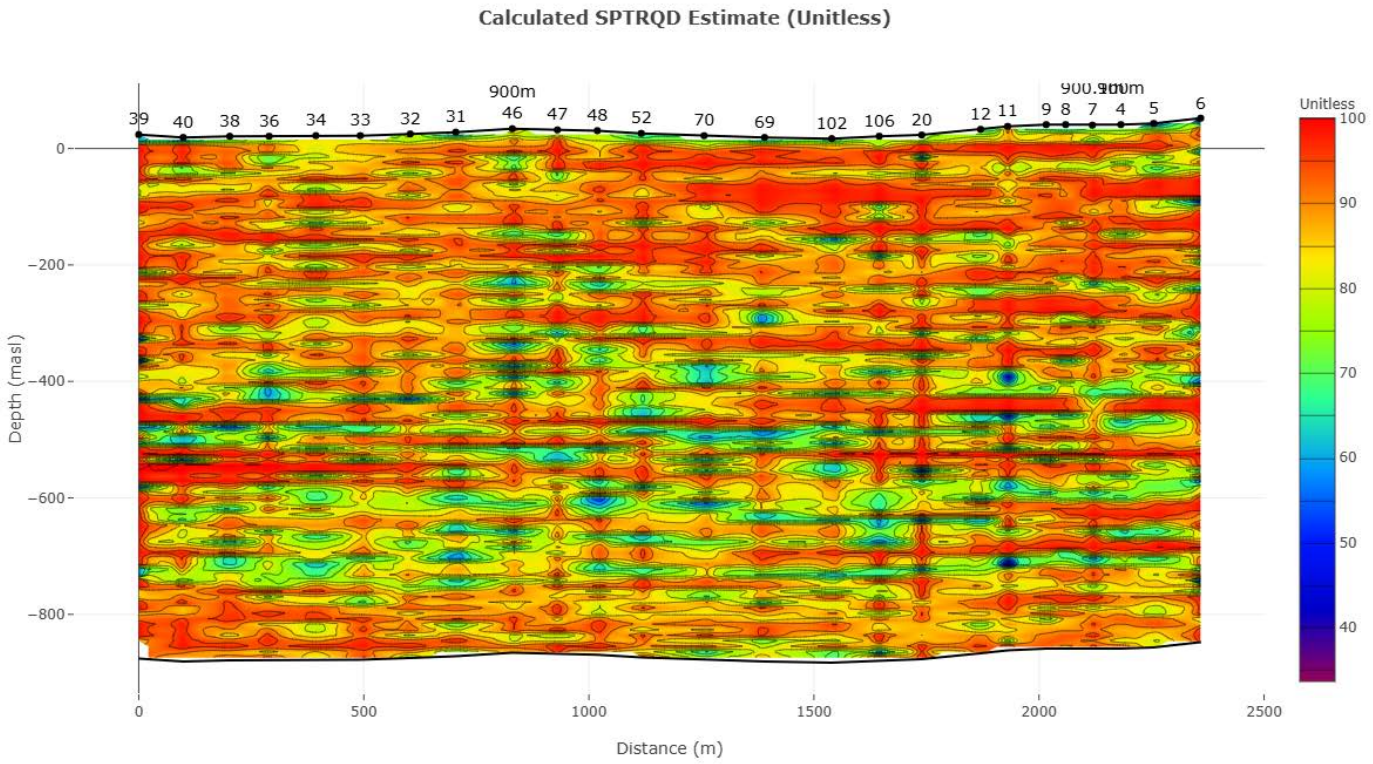
Clay Content



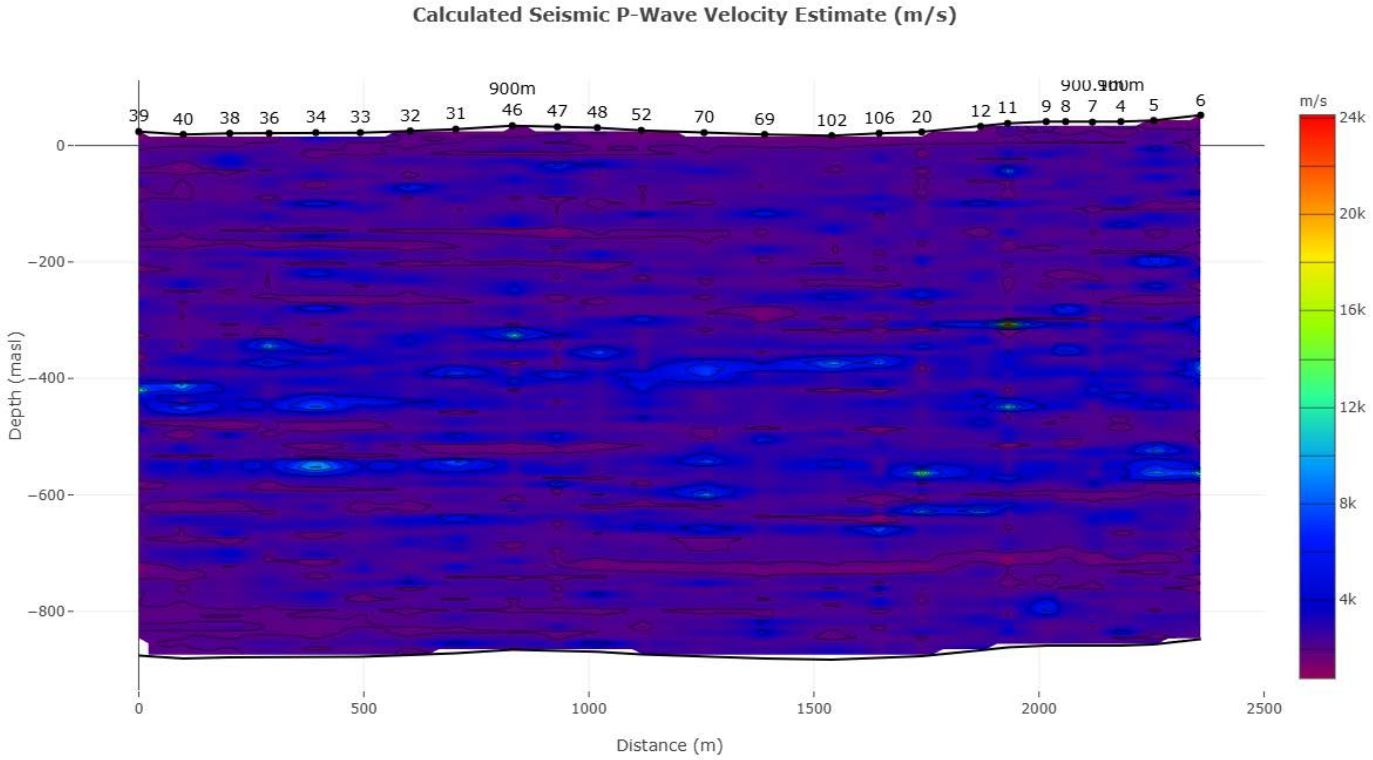
SPTN



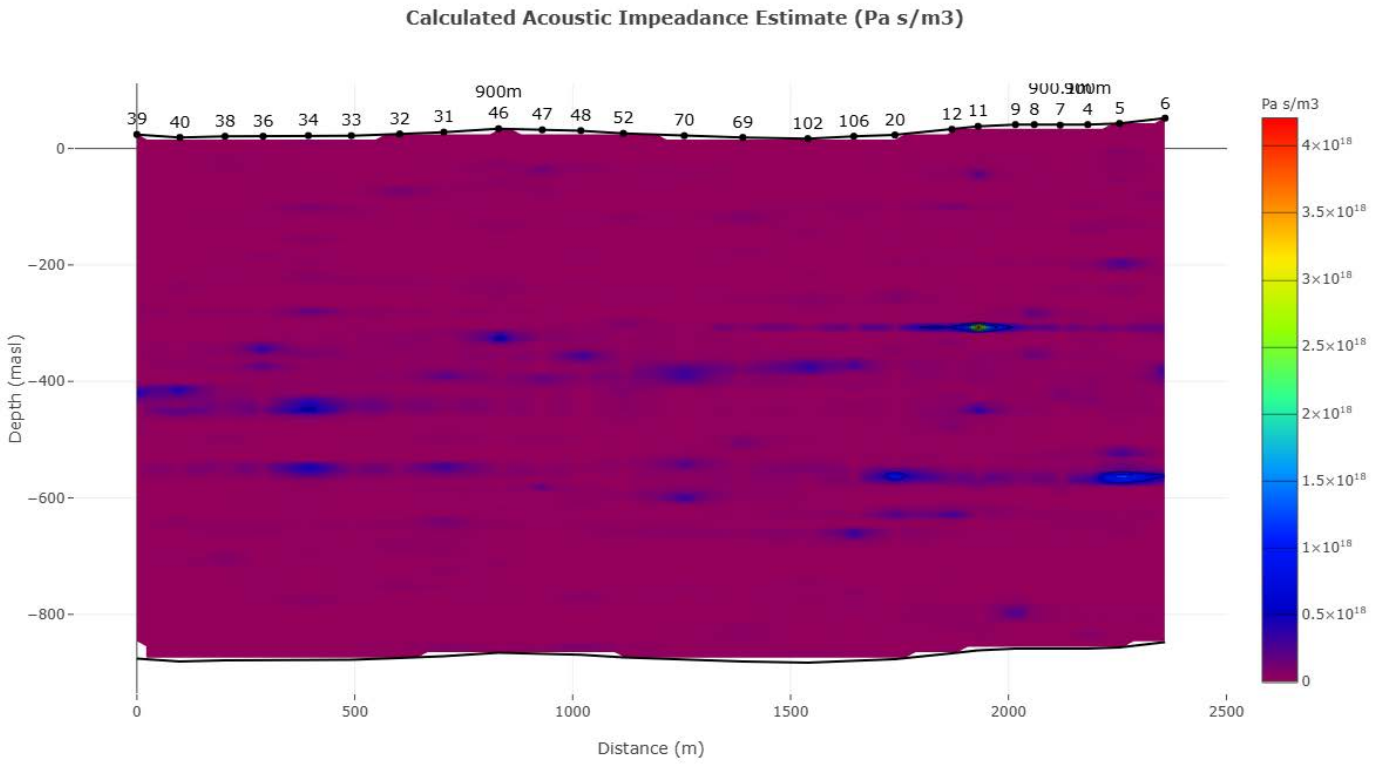
SPTRQD



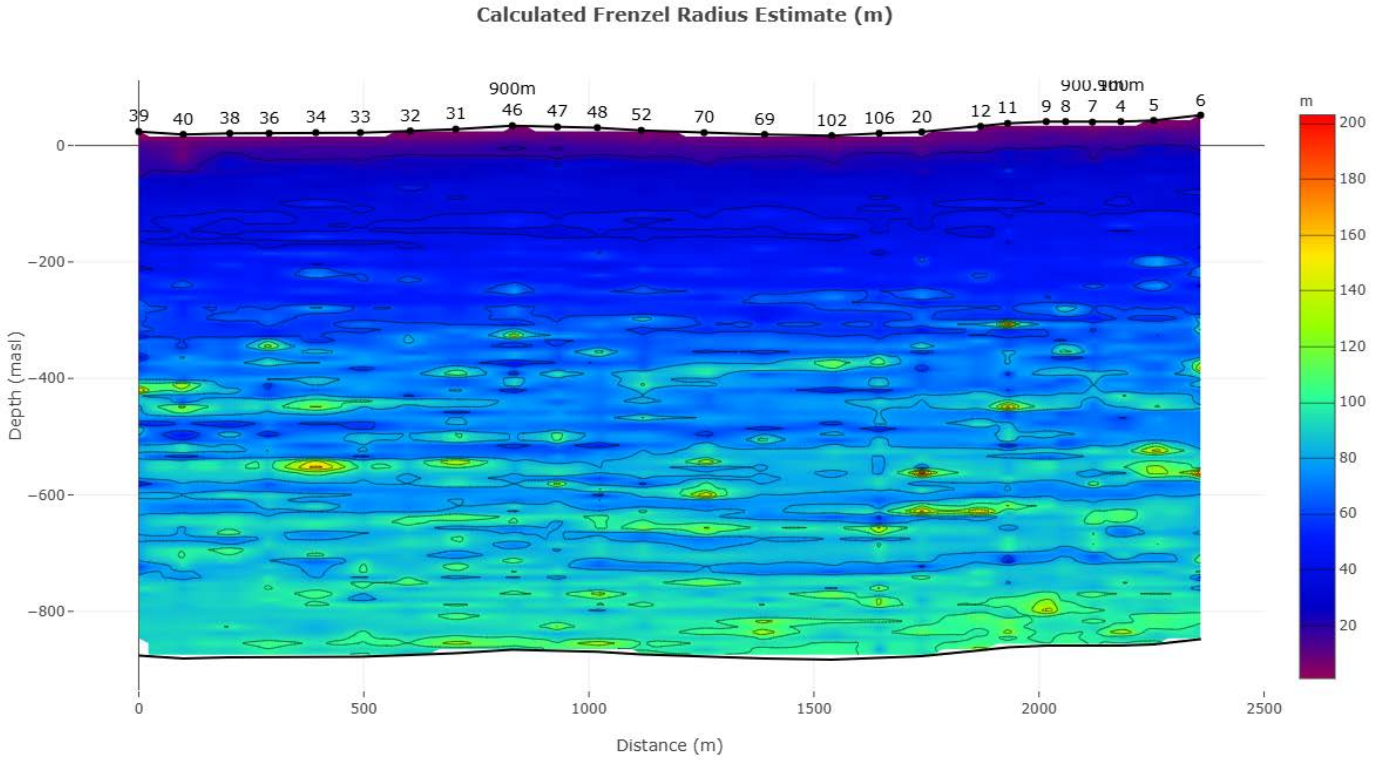
Seismic P-Wave Velocity



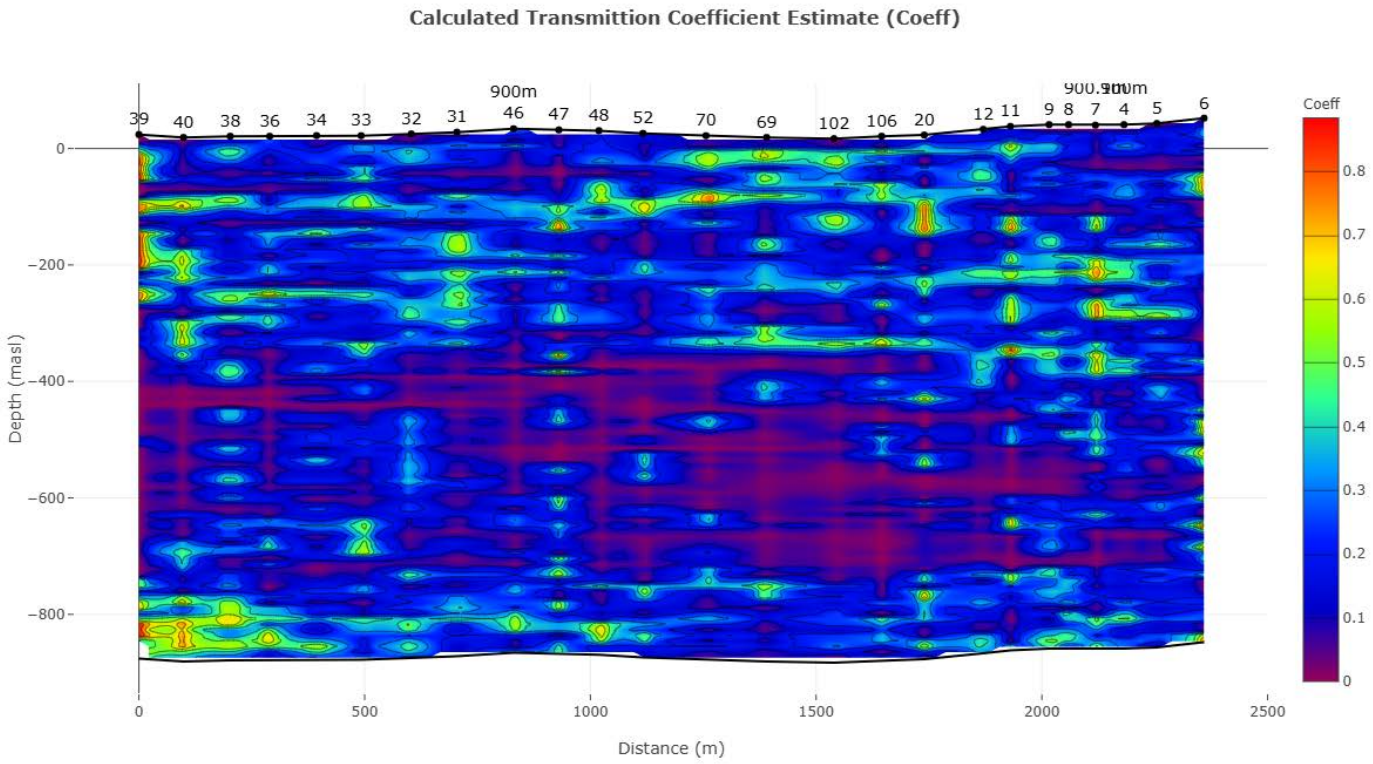
Acoustic Impeadance



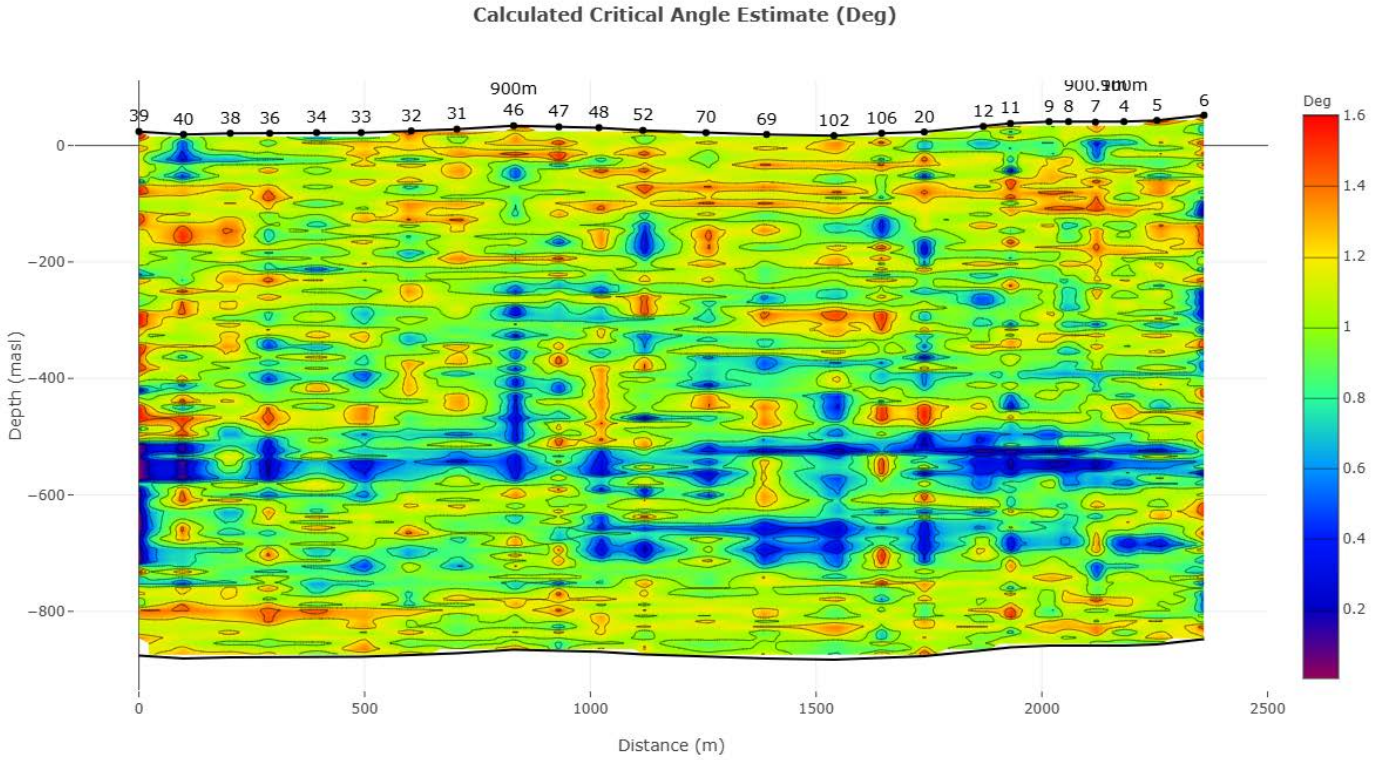
Frenzel Radius



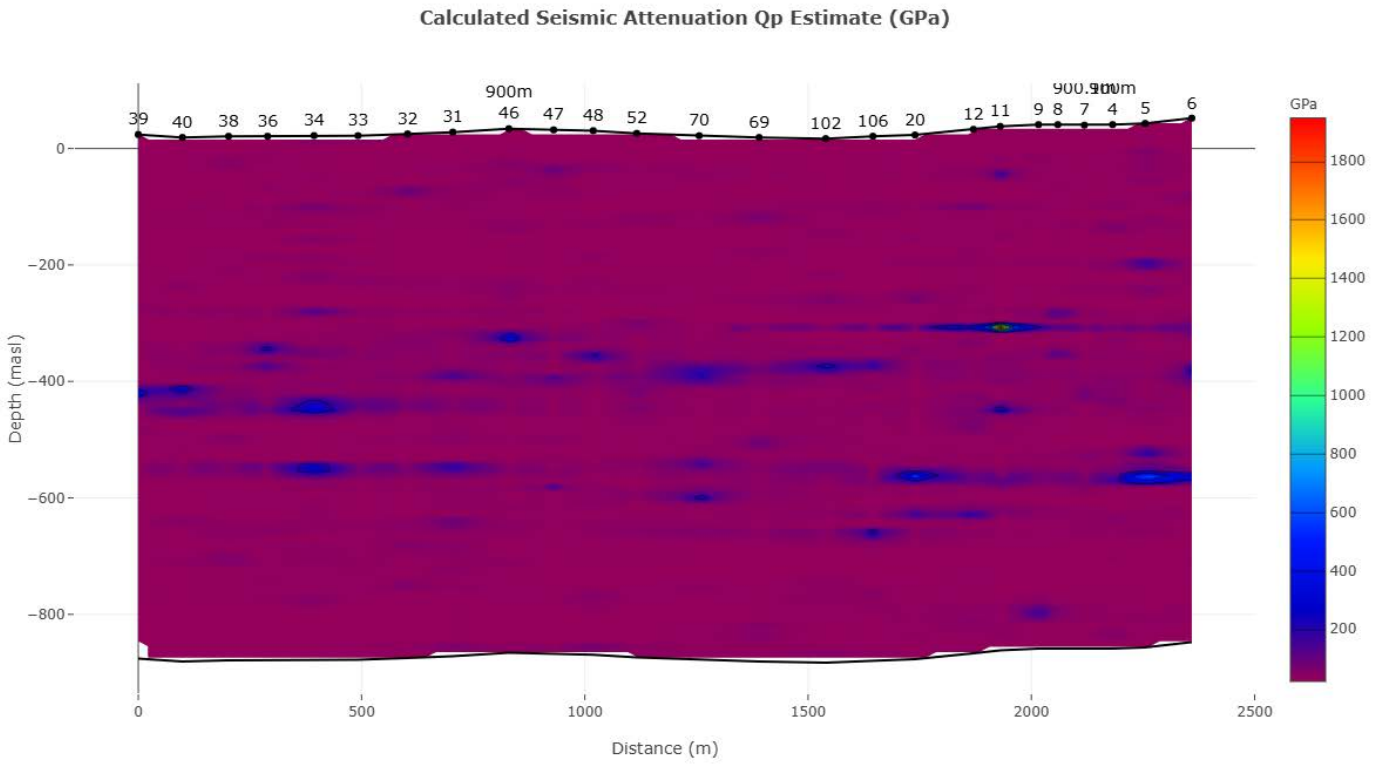
Transmission Coefficient



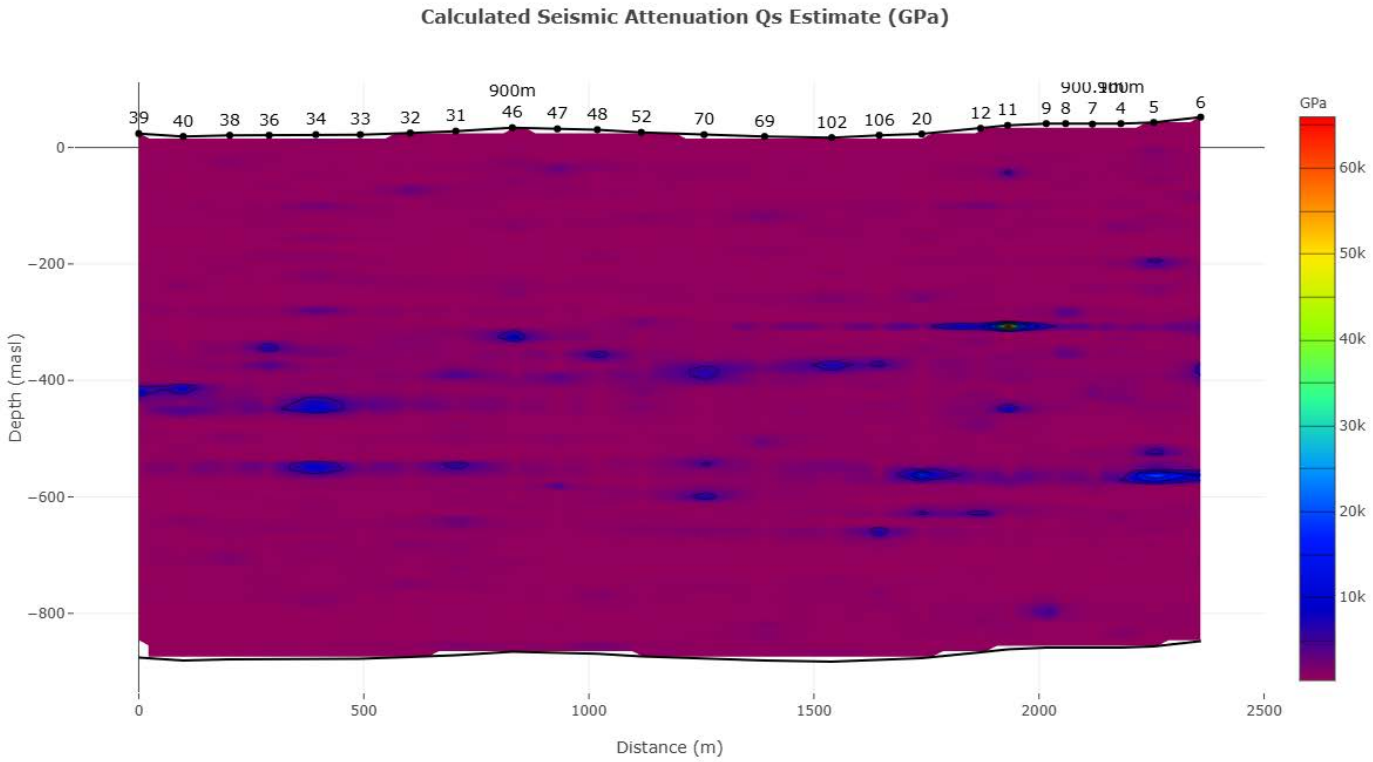
Critical Angle



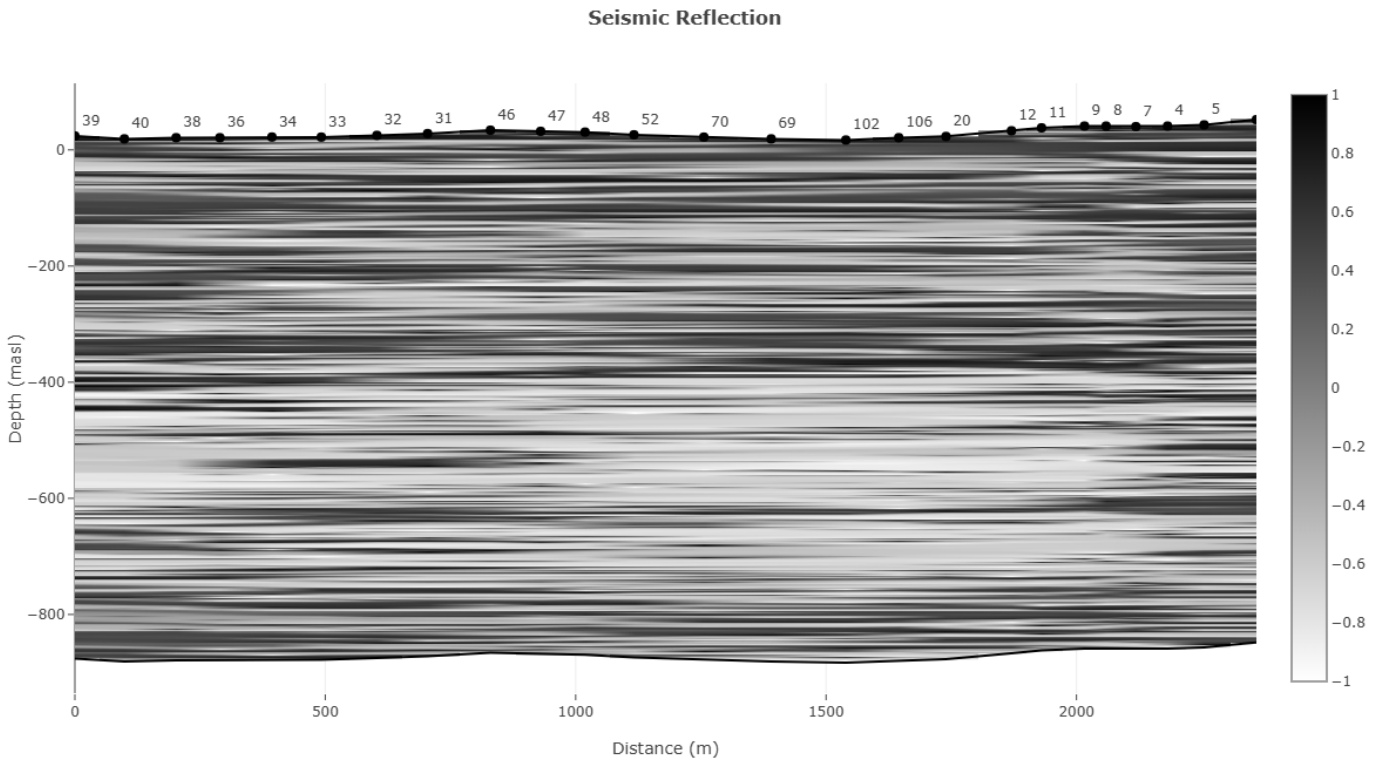
Seismic Attenuation Qp



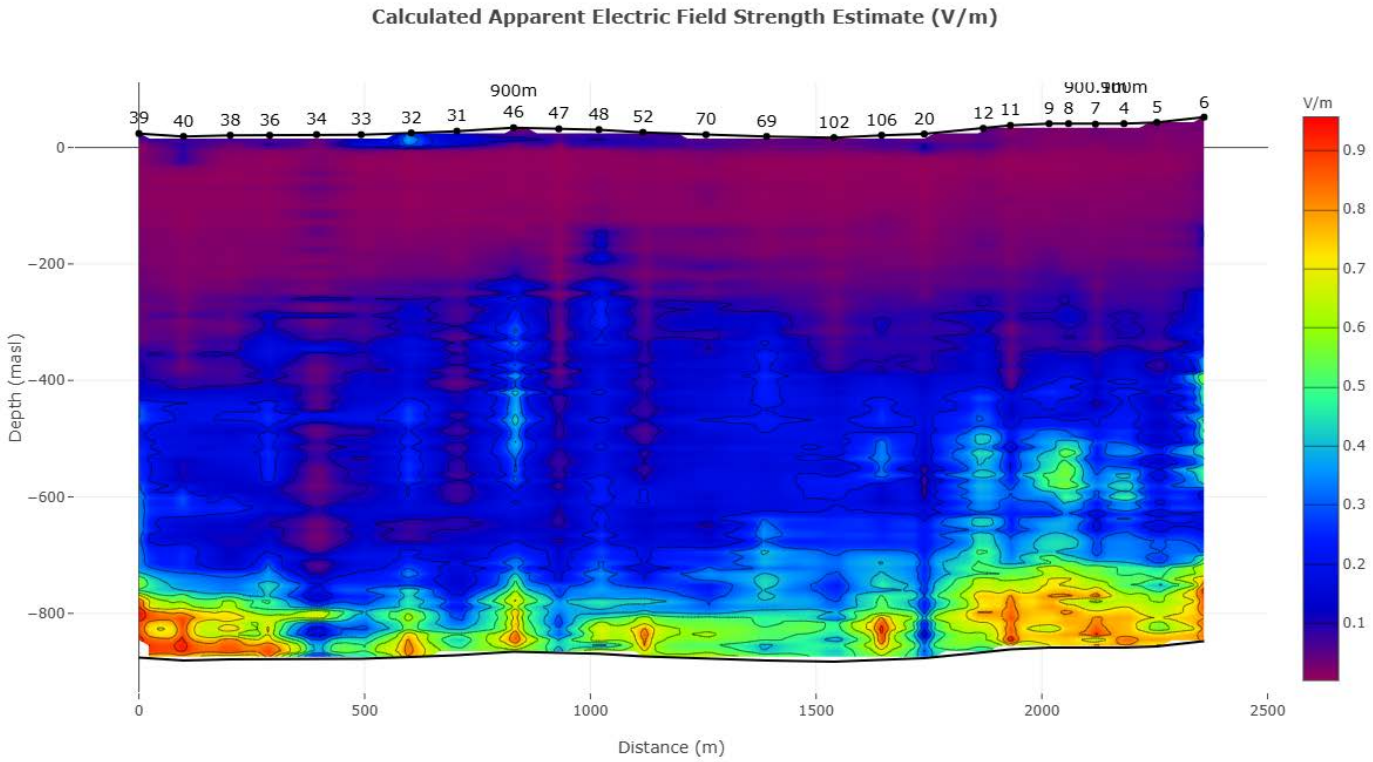
Seismic Attenuation Qs



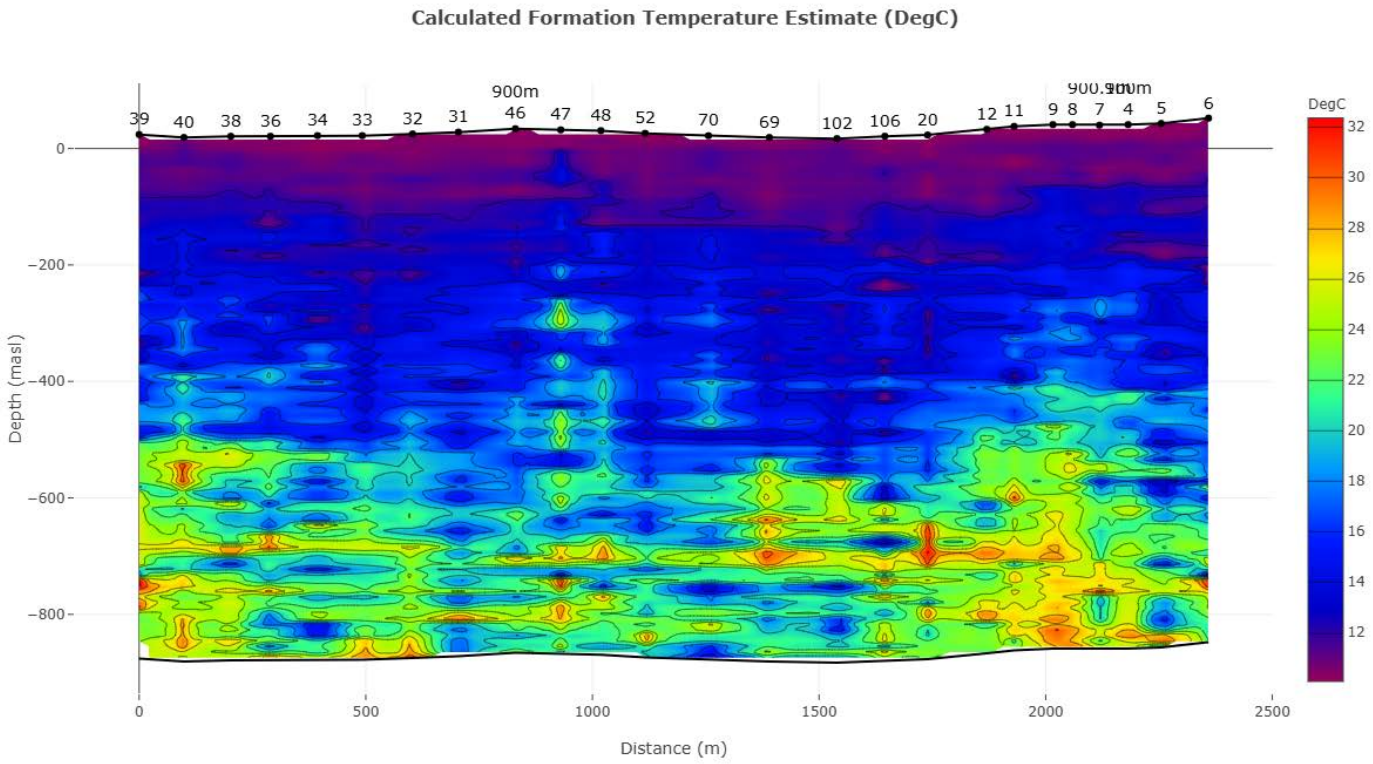
Seismic Reflection



Apparent Electric Field Strength



Formation Temperature



Virtual Log — Point 7

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 4

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 5

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 9

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 3

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 2

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 6

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 8

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0

Virtual Log — Point 1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
0.1	5.6	Sediment	Fine	0.1	0.7	0.2	9.93e-1	2.01e+3	100	1.00e+0	0.00e+0	8.23e+1	3.55e+1	1.02e+1	5.68e-1	9.64e+1
5.7	8.5	Volcanic	Weathered	0	0	0	3.49e-2	2.21e+3	100	1.00e+0	0.00e+0	1.00e+2	2.60e+1	1.02e+1	1.61e+1	2.71e+1
8.6	28.2	Sediment	Fine	0.3	3	1.3	4.45e+0	1.89e+3	36.4	1.00e+0	0.00e+0	6.54e+1	4.54e+1	1.04e+1	1.27e-1	3.96e+1
28.3	30.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	36.4	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.04e+1	1.66e+1	2.10e+0
30.6	53.1	Conglomerate	Unaltered	0.2	0.2	0	2.54e-1	2.28e+3	28.3	0.00e+0	0.00e+0	1.00e+2	2.39e+1	1.05e+1	2.22e+0	1.20e+0
53.2	62.1	Volcanic	Unaltered	0.1	1.7	0.4	2.60e+0	2.07e+3	28.3	0.00e+0	1.00e+0	9.15e+1	2.42e+1	1.05e+1	2.17e-1	4.00e-1
62.1	64.3	Soil	Unaltered	0.1	1.4	0.3	2.06e+0	1.39e+3	13	0.00e+0	0.00e+0	2.39e+1	2.28e+1	1.03e+1	2.73e-1	3.00e-1
64.4	86.2	Volcanic	Unaltered	0.2	0.2	0	3.09e-1	2.07e+3	13	0.00e+0	0.00e+0	9.15e+1	2.38e+1	1.03e+1	1.83e+0	0.00e+0
86.4	90.8	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	4.6	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.01e+1	1.44e+1	1.00e-1
90.8	93.2	Sediment	Unaltered	0.1	0.9	0.2	1.30e+0	1.57e+3	0.5	0.00e+0	0.00e+0	3.44e+1	1.98e+1	1.00e+1	4.34e-1	0.00e+0
93.5	100	Metamorphic	Unaltered	0	0	0	4.37e-2	2.72e+3	11	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.04e+1	1.29e+1	0.00e+0
100	100.3	Soil	Unaltered	0.1	0.6	0.1	8.17e-1	1.16e+3	11	0.00e+0	0.00e+0	1.51e+1	1.82e+1	1.04e+1	6.90e-1	3.00e-1
100.4	102.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.04e+1	1.66e+1	3.00e-1
102.7	111.7	Sediment	Unaltered	0.1	1	0.2	1.47e+0	2.05e+3	4.3	0.00e+0	0.00e+0	8.75e+1	2.15e+1	1.02e+1	3.83e-1	4.00e-1
111.7	134.1	Volcanic	Unaltered	0.2	0.2	0.1	3.14e-1	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	2.43e+1	1.07e+1	1.80e+0	1.00e-1
134.1	134.7	Sediment	Unaltered	0	0.1	0	1.59e-1	1.81e+3	16.2	0.00e+0	0.00e+0	5.62e+1	1.62e+1	1.07e+1	3.55e+0	0.00e+0
134.8	137	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.2	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.07e+1	1.66e+1	0.00e+0
137	144.3	Sediment	Unaltered	0.1	1	0.2	1.52e+0	1.97e+3	3.1	0.00e+0	1.00e+0	7.54e+1	2.12e+1	1.02e+1	3.70e-1	1.00e-1
144.4	146.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.6	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.04e+1	1.66e+1	3.00e-1
146.7	157.6	Sedimentary	Unaltered	0.1	0.1	0	1.02e-1	2.43e+3	7.6	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.04e+1	5.53e+0	8.00e-1
157.7	159.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	18.6	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.10e+1	1.66e+1	1.00e+0
160	164.4	Sediment	Fine	0.1	1.1	0.3	1.61e+0	1.71e+3	18.6	1.00e+0	0.00e+0	4.57e+1	2.89e+1	1.10e+1	3.50e-1	5.50e+0
164.5	186.4	Volcanic	Weathered	0.2	0.2	0.1	3.26e-1	2.07e+3	49.4	1.00e+0	0.00e+0	9.15e+1	3.60e+1	1.31e+1	1.73e+0	7.00e-1
186.5	188.5	Sediment	Unaltered	0	0.3	0.1	4.70e-1	1.88e+3	3.5	0.00e+0	0.00e+0	6.41e+1	1.70e+1	1.02e+1	1.20e+0	2.00e-1
188.6	191.8	Conglomerate	Unaltered	0	0	0	3.59e-2	2.29e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.05e+1	1.57e+1	0.00e+0
192.1	193.8	Metamorphic	Unaltered	0	0	0	1.10e-2	2.76e+3	7.4	0.00e+0	0.00e+0	1.00e+2	1.57e+1	1.05e+1	5.11e+1	0.00e+0
193.9	196.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	7.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.05e+1	1.66e+1	1.00e-1
196.2	202	Sediment	Unaltered	0.1	0.7	0.1	1.10e+0	1.97e+3	1.9	0.00e+0	0.00e+0	7.65e+1	1.97e+1	1.01e+1	5.12e-1	2.00e-1
202.1	217.2	Volcanic	Unaltered	0.1	0.1	0	2.12e-1	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	2.19e+1	1.20e+1	2.66e+0	2.00e-1
217.3	218.1	Sediment	Unaltered	0	0.3	0	3.84e-1	1.63e+3	28	0.00e+0	0.00e+0	3.94e+1	1.74e+1	1.20e+1	1.47e+0	4.00e-1
218.2	220.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	28	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.20e+1	1.66e+1	3.00e-1
220.5	224.8	Sediment	Unaltered	0.1	0.6	0.1	9.06e-1	1.92e+3	3.1	0.00e+0	0.00e+0	6.94e+1	1.88e+1	1.02e+1	6.22e-1	2.00e-1
225	229.6	Sedimentary	Unaltered	0	0	0	3.97e-2	2.50e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.07e+1	1.42e+1	2.00e-1
229.7	237.9	Volcanic	Unaltered	0.1	0.1	0	1.22e-1	2.11e+3	9.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.07e+1	4.61e+0	1.20e+0
238.1	248.3	Sedimentary	Unaltered	0.1	0.1	0	9.91e-2	2.40e+3	5.5	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.04e+1	5.69e+0	7.00e-1
248.6	254.4	Mafic	Unaltered	0	0	0	4.26e-2	2.65e+3	20.2	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.16e+1	1.32e+1	3.00e-1
254.5	256.2	Sediment	Unaltered	0	0.3	0.1	4.92e-1	1.80e+3	20.2	0.00e+0	0.00e+0	5.52e+1	1.76e+1	1.17e+1	1.15e+0	4.00e-1
256.3	258.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.17e+1	1.66e+1	2.00e-1
258.5	259.4	Sediment	Unaltered	0	0.3	0.1	4.95e-1	1.55e+3	15.4	0.00e+0	0.00e+0	3.33e+1	1.74e+1	1.13e+1	1.14e+0	4.00e-1
259.5	269.9	Volcanic	Unaltered	0.1	0.1	0	1.45e-1	2.07e+3	25	0.00e+0	0.00e+0	9.15e+1	1.99e+1	1.22e+1	3.89e+0	7.00e-1
270	270.5	Soil	Unaltered	0	0.3	0.1	4.66e-1	1.41e+3	25	0.00e+0	0.00e+0	2.50e+1	1.75e+1	1.22e+1	1.21e+0	1.00e-1
270.6	273.5	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	25	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.22e+1	1.61e+1	2.00e-1
273.5	274.8	Soil	Unaltered	0.1	0.7	0.1	1.01e+0	1.46e+3	4.2	0.00e+0	0.00e+0	2.76e+1	1.88e+1	1.04e+1	5.61e-1	1.00e-1
274.9	277.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	9	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.08e+1	1.66e+1	1.00e-1
277.2	279.3	Sediment	Unaltered	0	0.3	0.1	4.53e-1	1.91e+3	9	0.00e+0	0.00e+0	6.84e+1	1.72e+1	1.08e+1	1.24e+0	3.00e-1
279.5	283.9	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	9	0.00e+0	0.00e+0	1.00e+2	1.66e+1	1.08e+1	1.44e+1	2.00e-1
284	285.8	Sediment	Unaltered	0	0.3	0.1	4.42e-1	1.87e+3	4.6	0.00e+0	0.00e+0	6.24e+1	1.70e+1	1.04e+1	1.27e+0	1.00e-1
285.9	288.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	1.00e-1
288.1	288.3	Sediment	Unaltered	0	0.1	0	6.10e-2	1.65e+3	25.4	0.00e+0	0.00e+0	4.07e+1	1.61e+1	1.24e+1	9.24e+0	3.00e-1
288.3	290.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	25.4	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.24e+1	1.66e+1	2.00e-1
290.6	292.3	Sediment	Unaltered	0	0.2	0	2.83e-1	2.05e+3	16.1	0.00e+0	0.00e+0	8.75e+1	1.68e+1	1.15e+1	1.99e+0	3.00e-1
292.4	294.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	16.1	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.15e+1	1.66e+1	2.00e-1
294.6	297.5	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.73e+3	4.8	0.00e+0	0.00e+0	4.79e+1	1.89e+1	1.05e+1	5.87e-1	3.00e-1
297.6	299.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.33e+1	1.66e+1	4.00e-1
299.8	301	Sediment	Unaltered	0	0.3	0	4.02e-1	1.71e+3	33.6	0.00e+0	0.00e+0	4.61e+1	1.78e+1	1.34e+1	1.40e+0	1.20e+0
301	303.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.72e+1	1.39e+1	1.66e+1	5.00e-1
303.4	305.8	Conglomerate	Unaltered	0	0	0	2.69e-2	2.28e+3	39.1	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.39e+1	2.09e+1	6.00e-1
305.9	308	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	39.1	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.40e+1	1.66e+1	9.00e-1
308.1	315.4	Sediment	Unaltered	0.1	0.8	0.2	1.20e+0	2.04e+3	6.7	0.00e+0	0.00e+0	8.66e+1	2.05e+1	1.07e+1	4.69e-1	9.00e-1
315.5	317.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	8.4	0.00e+0	0.00e+0	9.15e+1	1.62e+1	1.09e+1	1.66e+1	1.10e+0
317.8	332.2	Sedimentary	Unaltered	0.1	0.1	0	1.36e-1	2.39e+3	33.7	0.00e+0	0.00e+0	1.00e+2	2.07e+1	1.36e+1	4.13e+0	1.30e+0
332.4	337.4	Conglomerate	Unaltered	0	0	0	5.32e-2	2.33e+3	33.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.37e+1	1.06e+1	6.00e-1
337.5	339.7	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	33.7	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.37e+1	1.66e+1	6.00e-1
339.7	340.3	Soil	Unaltered	0.1	1	0.2	1.50e+0	1.15e+3	21.2	0.00e+0	0.00e+0	1.48e+1	2.11e+1	1.24e+1	3.75e-1	1.40e+0
340.6	347.4	Metamorphic	Unaltered	0	0	0	4.41e-2	2.76e+3	23.4	0.00e+0	0.00e+0	1.00e+2	1.76e+1	1.26e+1	1.28e+1	8.00e-1
347.4	349.6	Sediment	Unaltered	0	0.5	0.1	7.40e-1	1.79e+3	23.4	0.00e+0	1.00e+0	5.41e+1	1.85e+1	1.27e+1	7.62e-1	1.20e+0
349.7	351.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23.4	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.27e+1	1.66e+1	1.00e-1
351.9	353.7	Sediment	Unaltered	0.1	0.5	0.1	7.47e-1	1.65e+3	15.5	0.00e+0	0.00e+0	4.07e+1	1.86e+1	1.18e+1	7.55e-1	8.00e-1
353.8	358.3	Sedimentary	Unaltered	0	0	0	3.92e-2	2.48e+3	15.5	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.18e+1	1.44e+1	1.50e+0
358.3	361	Sediment	Unaltered	0.1	0.8	0.2	1.18e+0	1.63e+3	0.6	0.00e+0	0.00e+0	3.94e+1	1.94e+1	1.01e+1	4.77e-1	1.00e-1
361.2	366.4	Salt	Unaltered	0	1.7	0.4	2.51e+0	2.58e+3	4	0.00e+0	1.00e+0	1.00e+2	2.14e+1	1.05e+1	2.24e-1	0.00e+0
366.4	366.6	Soil	Unaltered	0.1	0.7	0.1	1.02e+0	9.57e+2	4	0.00e+0	0.00e+0	1.06e+1	1.86e+1	1.05e+1	5.52e-1	0.00e+0
366.8	372.2	Igneous	Unaltered	0	0	0	4.17e-2	2.60e+3	13.9	0.00e+0	0.00e+0	1.00e+2	1.70e+1	1.17e+1	1.35e+1	1.00e-1
372.3	377.4	Sediment	Unaltered	0.1	1.1	0.2	1.71e+0	1.80e+3	13.9	0.00e+0	2.00e+0	5.46e+1	2.18e+1	1.17e+1	3.30e-1	6.00e-1
377.5	380.4	Volcanic	Unaltered	0	0	0	3.51e-2	2.22e+3	20	0.00e+0	0.00e+0	1.00e+2	1.67e+1	1.25e+1	1.61e+1	2.00e-1

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
380.7	387.1	Ultra Mafic	Unaltered	0	0	0	3.70e-2	2.84e+3	20	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.25e+1	1.52e+1	4.00e-1
387.2	389.4	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.25e+1	1.66e+1	4.00e-1
389.4	389.9	Sediment	Unaltered	0	0.2	0	2.87e-1	1.55e+3	5.8	0.00e+0	0.00e+0	3.36e+1	1.63e+1	1.07e+1	1.97e+0	2.00e-1
390.4	402.6	Unclassified	Unaltered	0	0	0	2.33e-2	3.19e+3	5.8	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.07e+1	2.42e+1	2.00e-1
402.7	404.6	Soil	Unaltered	0.1	0.9	0.2	1.27e+0	1.51e+3	3.8	0.00e+0	0.00e+0	3.04e+1	1.98e+1	1.05e+1	4.43e-1	4.00e-1
404.7	406.9	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	29.7	0.00e+0	0.00e+0	9.15e+1	1.70e+1	1.39e+1	1.66e+1	5.00e-1
406.9	408.8	Sediment	Unaltered	0	0.4	0.1	5.21e-1	1.80e+3	29.7	0.00e+0	0.00e+0	5.49e+1	1.82e+1	1.39e+1	1.08e+0	2.10e+0
408.9	412.1	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	29.7	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.39e+1	1.58e+1	9.00e-1
412.1	414.2	Sediment	Unaltered	0.1	0.8	0.2	1.19e+0	1.55e+3	7.4	0.00e+0	0.00e+0	3.36e+1	1.97e+1	1.10e+1	4.72e-1	5.00e-1
414.5	420.7	Metamorphic	Weathered	0	0	0	4.33e-2	2.69e+3	27.9	1.00e+0	0.00e+0	1.00e+2	1.95e+1	1.38e+1	1.30e+1	1.30e+0
420.7	422	Soil	Soil	0.1	1.2	0.4	1.85e+0	1.27e+3	27.9	1.00e+0	0.00e+0	1.88e+1	3.11e+1	1.39e+1	3.05e-1	1.31e+1
422.2	429.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.77e+3	27.9	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.39e+1	1.27e+1	5.60e+0
429.4	430.8	Conglomerate	Unaltered	0	0	0	1.53e-2	2.34e+3	16.7	0.00e+0	0.00e+0	1.00e+2	1.61e+1	1.23e+1	3.68e+1	7.00e-1
431.2	439.2	Ultra Mafic	Unaltered	0	0	0	4.42e-2	2.87e+3	20	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.28e+1	1.27e+1	6.00e-1
439.7	443	Unclassified	Unaltered	0	0	0	5.64e-3	3.24e+3	20	0.00e+0	0.00e+0	1.00e+2	1.63e+1	1.28e+1	1.00e+2	5.00e-1
443.1	445.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	20	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.28e+1	1.66e+1	5.00e-1
445.3	447.1	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.44e+3	2.3	0.00e+0	0.00e+0	2.63e+1	2.03e+1	1.03e+1	3.86e-1	4.00e-1
447.3	452	Igneous	Unaltered	0	0	0	3.99e-2	2.51e+3	20.8	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.30e+1	1.41e+1	1.00e-1
452	452.4	Soil	Unaltered	0.1	1.5	0.4	2.23e+0	9.88e+2	20.8	0.00e+0	0.00e+0	1.12e+1	2.38e+1	1.31e+1	2.53e-1	8.00e-1
452.5	455.5	Volcanic	Unaltered	0	0	0	4.68e-2	2.07e+3	25.3	0.00e+0	0.00e+0	9.15e+1	1.73e+1	1.38e+1	1.21e+1	3.40e+0
455.7	461.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.62e+3	25.3	0.00e+0	1.00e+0	1.00e+2	2.22e+1	1.38e+1	2.24e-1	5.00e-1
461.3	463	Soil	Unaltered	0.1	1.1	0.2	1.69e+0	1.38e+3	13.7	0.00e+0	0.00e+0	2.34e+1	2.18e+1	1.21e+1	3.34e-1	1.70e+0
463.7	479.7	Unclassified	Unaltered	0	0	0	7.03e-2	3.41e+3	13.7	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.21e+1	8.02e+0	1.40e+0
479.8	481.5	Sediment	Unaltered	0	0.3	0.1	4.60e-1	1.83e+3	5	0.00e+0	0.00e+0	5.81e+1	1.70e+1	1.08e+1	1.23e+0	3.00e-1
481.5	481.6	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	7.33e+2	5	0.00e+0	0.00e+0	8.10e+0	2.10e+1	1.08e+1	3.27e-1	1.00e-1
482	492.1	Unclassified	Unaltered	0	1.7	0.4	3.89e-2	3.04e+3	16.4	0.00e+0	0.00e+0	1.00e+2	2.10e+1	1.26e+1	1.45e+1	2.00e-1
492.1	494.4	Sediment	Unaltered	0.1	0.6	0.1	8.87e-1	1.68e+3	16.4	0.00e+0	0.00e+0	4.35e+1	1.92e+1	1.26e+1	6.35e-1	2.70e+0
494.6	497.7	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.38e+1	1.58e+1	2.50e+0
497.7	500.5	Sediment	Unaltered	0.1	0.6	0.1	9.13e-1	1.80e+3	23.9	0.00e+0	1.00e+0	5.46e+1	1.97e+1	1.38e+1	6.17e-1	4.90e+0
500.7	504.7	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	23.9	0.00e+0	0.00e+0	1.00e+2	1.72e+1	1.38e+1	1.48e+1	3.00e+0
504.7	505.6	Soil	Unaltered	0.1	0.7	0.1	1.07e+0	1.32e+3	13.1	0.00e+0	0.00e+0	2.09e+1	1.97e+1	1.21e+1	5.25e-1	3.40e+0
505.7	507.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	13.1	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.21e+1	1.66e+1	2.00e+0
507.9	508.9	Soil	Unaltered	0.1	0.8	0.2	1.23e+0	1.34e+3	6.4	0.00e+0	0.00e+0	2.15e+1	1.98e+1	1.11e+1	4.60e-1	1.60e+0
509.1	513.1	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	24.8	0.00e+0	0.00e+0	1.00e+2	1.73e+1	1.41e+1	1.48e+1	1.30e+0
513.2	515.3	Sediment	Unaltered	0	0.4	0.1	6.09e-1	1.79e+3	24.8	0.00e+0	0.00e+0	5.41e+1	1.88e+1	1.41e+1	9.25e-1	4.70e+0
515.4	524.5	Volcanic	Unaltered	0.1	0.1	0	1.37e-1	2.07e+3	24.8	0.00e+0	0.00e+0	9.15e+1	1.96e+1	1.41e+1	4.13e+0	3.00e+0
524.7	529.9	Salt	Unaltered	0	0	0	4.11e-2	2.57e+3	12.2	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.21e+1	1.37e+1	1.00e-1
529.9	530.2	Soil	Unaltered	0.1	1	0.2	1.46e+0	1.03e+3	12.2	0.00e+0	0.00e+0	1.19e+1	2.07e+1	1.21e+1	3.85e-1	1.00e+0
530.8	544.5	Unclassified	Unaltered	0	0	0	3.02e-2	3.28e+3	33.4	0.00e+0	0.00e+0	1.00e+2	1.91e+1	1.58e+1	1.87e+1	1.80e+0
544.5	545.9	Soil	Soil	0.1	0.6	0.2	8.55e-1	1.53e+3	33.4	1.00e+0	0.00e+0	3.19e+1	2.68e+1	1.58e+1	6.60e-1	6.50e+0
546.2	551.7	Metamorphic	Unaltered	0	0	0	4.21e-2	2.62e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.81e+1	1.60e+1	1.34e+1	5.50e+0
551.8	553.3	Sediment	Unaltered	0	0.4	0.1	6.24e-1	1.65e+3	34.4	0.00e+0	0.00e+0	4.11e+1	1.90e+1	1.61e+1	9.04e-1	5.00e+0
553.5	558.5	Igneous	Unaltered	0	0	0	4.06e-2	2.55e+3	34.4	0.00e+0	0.00e+0	1.00e+2	1.77e+1	1.61e+1	1.39e+1	2.50e+0
558.5	559.3	Soil	Unaltered	0.1	1.4	0.3	2.13e+0	1.13e+3	0.5	0.00e+0	0.00e+0	1.42e+1	2.23e+1	1.01e+1	2.64e-1	1.00e-1
559.4	563.4	Sedimentary	Unaltered	0	0	0	3.80e-2	2.41e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.33e+1	1.48e+1	1.00e-1
563.5	569.2	Sediment	Fine	0.1	1	0.3	1.48e+0	1.83e+3	18.2	1.00e+0	0.00e+0	5.81e+1	2.85e+1	1.34e+1	3.81e-1	4.10e+0
569.4	576.1	Metamorphic	Unaltered	0	0	0	4.40e-2	2.75e+3	18.2	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.34e+1	1.28e+1	2.40e+0
576.2	578.6	Sediment	Unaltered	0	0.3	0	4.09e-1	2.02e+3	13	0.00e+0	0.00e+0	8.31e+1	1.72e+1	1.24e+1	1.38e+0	5.00e-1
578.6	578.7	Soil	Unaltered	0.1	0.9	0.2	1.34e+0	7.76e+2	13	0.00e+0	0.00e+0	8.50e+0	2.00e+1	1.24e+1	4.20e-1	3.00e-1
579.3	593	Unclassified	Unaltered	0	0	0	3.13e-2	3.29e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.79e+1	1.15e+1	1.80e+1	3.00e-1
593	594.8	Sediment	Unaltered	0.1	0.6	0.1	9.30e-1	1.58e+3	7.7	0.00e+0	0.00e+0	3.50e+1	1.88e+1	1.15e+1	6.06e-1	1.20e+0
595.1	601	Metamorphic	Unaltered	0	0	0	4.28e-2	2.66e+3	7.7	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.15e+1	1.32e+1	7.00e-1
601	601.5	Soil	Unaltered	0.3	3	0.9	4.51e+0	1.03e+3	12.6	0.00e+0	1.00e+0	1.20e+1	3.06e+1	1.25e+1	1.25e-1	3.00e-1
602.2	618.4	Unclassified	Unaltered	0.1	0.1	0	7.40e-2	3.42e+3	12.6	0.00e+0	0.00e+0	1.00e+2	1.92e+1	1.25e+1	7.62e+0	1.30e+0
618.4	618.6	Soil	Unaltered	0.1	1.1	0.2	1.65e+0	8.65e+2	7.8	0.00e+0	0.00e+0	9.40e+0	2.11e+1	1.15e+1	3.42e-1	1.80e+0
618.9	627.3	Ultra Mafic	Unaltered	0	0	0	4.38e-2	2.90e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.73e+1	1.29e+1	5.00e-1
627.4	630.7	Volcanic	Unaltered	0	0	0	4.07e-2	2.20e+3	36.9	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.74e+1	1.38e+1	7.00e-1
630.7	630.7	Soil	Unaltered	0.1	1.5	0.4	2.24e+0	7.09e+2	36.9	0.00e+0	1.00e+0	8.00e+0	2.35e+1	1.74e+1	2.52e-1	1.30e+0
630.9	635.2	Sedimentary	Unaltered	0	0	0	3.87e-2	2.45e+3	23.5	0.00e+0	0.00e+0	1.00e+2	1.71e+1	1.48e+1	1.45e+1	4.00e-1
635.2	636.5	Soil	Unaltered	0.1	1.2	0.2	1.72e+0	1.35e+3	23.5	0.00e+0	2.00e+0	2.18e+1	2.15e+1	1.48e+1	3.27e-1	1.30e+0
636.6	641	Sedimentary	Unaltered	0	1.7	0.4	2.51e+0	2.47e+3	23.5	0.00e+0	1.00e+0	1.00e+2	2.19e+1	1.48e+1	2.25e-1	4.00e-1
641	641.6	Soil	Unaltered	0.1	0.7	0.1	1.03e+0	1.29e+3	0.8	0.00e+0	1.00e+0	1.94e+1	1.84e+1	1.02e+1	5.49e-1	1.00e-1
641.8	644.9	Conglomerate	Unaltered	0	0	0	3.57e-2	2.27e+3	11	0.00e+0	0.00e+0	1.00e+2	1.65e+1	1.23e+1	1.58e+1	1.00e-1
644.9	645.3	Soil	Unaltered	0	0.2	0	2.31e-1	1.49e+3	11	0.00e+0	0.00e+0	2.94e+1	1.62e+1	1.23e+1	2.44e+0	3.00e-1
645.4	647.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.23e+1	1.66e+1	3.00e-1
647.6	650	Sediment	Unaltered	0	0.3	0.1	4.66e-1	1.96e+3	7.1	0.00e+0	0.00e+0	7.41e+1	1.72e+1	1.15e+1	1.21e+0	3.00e-1
650	650.1	Soil	Unaltered	0.1	0.8	0.2	1.25e+0	7.88e+2	25.5	0.00e+0	0.00e+0	8.60e+0	2.02e+1	1.54e+1	4.50e-1	1.00e-1
650.7	666.7	Unclassified	Unaltered	0	0	0	6.85e-2	3.41e+3	25.5	0.00e+0	0.00e+0	1.00e+2	1.95e+1	1.54e+1	8.23e+0	7.00e-1
666.7	667.2	Soil	Unaltered	0.2	1.6	0.4	2.42e+0	1.01e+3	12.3	0.00e+0	0.00e+0	1.15e+1	2.41e+1	1.27e+1	2.33e-1	3.00e-1
667.5	674	Metamorphic	Unaltered	0	0	0	4.38e-2	2.73e+3	12.3	0.00e+0	0.00e+0	1.00e+2	1.74e+1	1.27e+1	1.29e+1	3.30e+0
674	675.9	Soil	Unaltered	0.1	1	0.2	1.44e+0	1.52e+3	3.4	0.00e+0	2.00e+0	3.15e+1	1.99e+1	1.08e+1	3.92e-1	6.00e-1
676.3	684.4	Ultra Mafic	Unaltered	0	0	0	4.40e-2	2.89e+3	31.2	0.00e+0	0.00e+0	1.00e+2	1.83e+1	1.68e+1	1.28e+1	7.00e-1
684.5	687.1	Sediment	Unaltered	0	0.3	0.1	4.80e-1	1.98e+3	31.2	0.00e+0	0.00e+0	7.70e+1	1.85e+1	1.69e+1	1.17e+0	4.60e+0
687.1	687.2	Soil	Unaltered	0.2	1.5	0.4	2.28e+0	6.87e+2	31.2	0.00e+0	0.00e+0	7.80e+0	2.42e+1	1.69e+1	2.48e-1	2.30e+0
687.7	699.4	Unclassified	Unaltered	0	0	0	2.73e-2	3.16e+3	27.6	0.00e+0	0.00e+0	1.00e+2	1.85e+1	1.61e+1	2.06e+1	3.10e+0
699.4	699.7	Soil	Unaltered	0.1	0.7	0.2	1.11e+0	1.03e+3	27.6	0.00e+0	0.00e+0	1.19e+1	2.03e+1	1.62e+1	5.10e-1	5.70e+0

From (mbgl)	To (mbgl)	Lithology	Aquifer Condition	Min Yield (l/s)	Max Yield (l/s)	Sus Yield (l/s)	Matrix Hydraulic Conductivity (m/d)	Density (kg/m3)	Water Quality (%)	Formation Aquifer Indicator	Formation Fracturing	SPTN	Aquifer Probability (%)	Formation Temperature (degC)	Aquiclude Probability (%)	Saturation (%)
699.8	702	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27.6	0.00e+0	0.00e+0	9.15e+1	1.71e+1	1.62e+1	1.66e+1	3.50e+0
702	702.3	Soil	Unaltered	0.1	0.8	0.2	1.12e+0	1.09e+3	21.5	0.00e+0	0.00e+0	1.32e+1	2.01e+1	1.49e+1	5.03e-1	4.30e+0
702.4	709.3	Volcanic	Unaltered	0.1	1.7	0.4	2.57e+0	2.07e+3	69.2	0.00e+0	1.00e+0	9.15e+1	2.52e+1	2.58e+1	2.19e-1	2.90e+0
709.3	712.7	Sediment	Unaltered	0.1	1	0.2	1.45e+0	1.64e+3	11.7	0.00e+0	0.00e+0	4.03e+1	2.14e+1	1.27e+1	3.89e-1	2.90e+0
712.8	731.3	Volcanic	Fractured	0.2	3.4	1.7	5.19e+0	2.07e+3	12	1.00e+0	2.00e+0	9.15e+1	5.06e+1	1.28e+1	1.09e-1	1.30e+0
731.5	735.9	Sedimentary	Unaltered	0	0	0	3.90e-2	2.47e+3	12	0.00e+0	0.00e+0	1.00e+2	1.69e+1	1.28e+1	1.45e+1	3.00e+0
735.9	736.7	Soil	Unaltered	0.1	0.9	0.2	1.33e+0	1.24e+3	4.8	0.00e+0	0.00e+0	1.77e+1	2.01e+1	1.11e+1	4.24e-1	1.00e+0
736.8	768.4	Volcanic	Unaltered	0.3	1.9	0.6	2.94e+0	2.07e+3	9.5	0.00e+0	1.00e+0	9.15e+1	3.26e+1	1.23e+1	1.92e-1	1.10e+0
768.5	773	Sediment	Unaltered	0.1	0.6	0.1	8.18e-1	1.99e+3	0.5	0.00e+0	0.00e+0	7.86e+1	1.85e+1	1.01e+1	6.89e-1	1.00e-1
773.1	775.2	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	14.2	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.36e+1	1.66e+1	1.00e-1
775.3	780	Sediment	Unaltered	0.1	0.6	0.1	9.61e-1	1.94e+3	14.2	0.00e+0	0.00e+0	7.19e+1	2.01e+1	1.36e+1	5.86e-1	4.20e+0
780.1	793.2	Volcanic	Weathered	0.1	0.1	0	1.86e-1	2.07e+3	18.3	1.00e+0	0.00e+0	9.15e+1	2.64e+1	1.47e+1	3.03e+0	4.70e+0
793.5	799.6	Metamorphic	Unaltered	0	0	0	4.33e-2	2.69e+3	18.3	0.00e+0	0.00e+0	1.00e+2	1.75e+1	1.47e+1	1.30e+1	3.40e+0
799.7	802	Soil	Unaltered	0.1	0.9	0.2	1.37e+0	1.54e+3	5	0.00e+0	0.00e+0	3.24e+1	2.03e+1	1.13e+1	4.13e-1	9.00e-1
802.1	804.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	6.00e-1
804.3	807	Sediment	Unaltered	0	0.4	0.1	5.52e-1	1.93e+3	11	0.00e+0	0.00e+0	7.03e+1	1.78e+1	1.29e+1	1.02e+0	9.00e-1
807.1	809.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11	0.00e+0	0.00e+0	9.15e+1	1.63e+1	1.29e+1	1.66e+1	8.00e-1
809.4	819	Conglomerate	Unaltered	0.1	0.1	0	1.16e-1	2.23e+3	5.6	0.00e+0	0.00e+0	1.00e+2	1.88e+1	1.15e+1	4.86e+0	9.00e-1
819.3	825.3	Metamorphic	Unaltered	0	1.7	0.4	2.51e+0	2.67e+3	7.2	0.00e+0	1.00e+0	1.00e+2	2.17e+1	1.19e+1	2.24e-1	1.50e+0
825.3	826.6	Soil	Unaltered	0.1	0.9	0.2	1.32e+0	1.40e+3	7.2	0.00e+0	1.00e+0	2.42e+1	1.98e+1	1.19e+1	4.26e-1	1.50e+0
826.7	828.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	19.9	0.00e+0	0.00e+0	9.15e+1	1.66e+1	1.54e+1	1.66e+1	8.00e-1
829	836.7	Sedimentary	Unaltered	0	1.7	0.4	2.54e+0	2.44e+3	19.9	0.00e+0	1.00e+0	1.00e+2	2.29e+1	1.54e+1	2.22e-1	4.00e-1
836.8	839	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.69e+1	1.73e+1	1.66e+1	8.00e-1
839.1	842.5	Sediment	Unaltered	0.1	0.5	0.1	7.66e-1	1.90e+3	27	0.00e+0	0.00e+0	6.69e+1	1.93e+1	1.74e+1	7.36e-1	1.60e+0
842.6	844.8	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	27	0.00e+0	0.00e+0	9.15e+1	1.68e+1	1.74e+1	1.66e+1	3.00e-1
844.9	848.8	Conglomerate	Unaltered	0	0	0	4.33e-2	2.28e+3	13.5	0.00e+0	0.00e+0	1.00e+2	1.68e+1	1.37e+1	1.30e+1	4.00e-1
848.9	851.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	5.00e-1
851.1	851.8	Sediment	Unaltered	0	0.1	0	1.42e-1	1.91e+3	23	0.00e+0	0.00e+0	6.84e+1	1.64e+1	1.63e+1	3.98e+0	6.00e-1
851.9	854.1	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	23	0.00e+0	0.00e+0	9.15e+1	1.67e+1	1.63e+1	1.66e+1	6.00e-1
854.1	854.2	Soil	Unaltered	0.1	0.8	0.2	1.19e+0	9.27e+2	10.6	0.00e+0	0.00e+0	1.02e+1	1.96e+1	1.29e+1	4.74e-1	1.10e+0
854.3	856.5	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	12.7	0.00e+0	0.00e+0	9.15e+1	1.65e+1	1.35e+1	1.66e+1	1.60e+0
856.6	862	Sediment	Unaltered	0.1	0.6	0.1	9.46e-1	2.02e+3	12.7	0.00e+0	0.00e+0	8.28e+1	1.99e+1	1.36e+1	5.96e-1	3.20e+0
862.1	864.3	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.90e+1	3.24e+1	1.66e+1	2.20e+0
864.5	870.3	Metamorphic	Weathered	0	0	0	4.37e-2	2.62e+3	79.8	1.00e+0	0.00e+0	1.00e+2	2.12e+1	3.25e+1	1.29e+1	7.90e+0
870.4	872.6	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	79.8	0.00e+0	0.00e+0	9.15e+1	1.91e+1	3.25e+1	1.66e+1	7.50e+0
872.7	881.7	Conglomerate	Unaltered	0.1	0.1	0	9.80e-2	2.31e+3	11.5	0.00e+0	0.00e+0	1.00e+2	1.87e+1	1.33e+1	5.75e+0	2.50e+0
881.8	884	Volcanic	Unaltered	0	0	0	3.40e-2	2.07e+3	11.5	0.00e+0	0.00e+0	9.15e+1	1.64e+1	1.33e+1	1.66e+1	1.80e+0
884	885.3	Soil	Unaltered	0.1	0.6	0.1	8.19e-1	1.50e+3	10.1	0.00e+0	0.00e+0	3.01e+1	1.84e+1	1.29e+1	6.88e-1	1.10e+0
885.4	887.5	Volcanic	Unaltered	0	1.7	0.4	2.50e+0	2.07e+3	31.1	0.00e+0	1.00e+0	9.15e+1	2.18e+1	1.89e+1	2.25e-1	4.00e-1
887.6	894.7	Sediment	Course	0.1	1.1	0.5	1.67e+0	1.91e+3	31.1	1.00e+0	1.00e+0	6.76e+1	4.36e+1	1.90e+1	3.37e-1	1.80e+0
894.8	899.9	Volcanic	Weathered	0.1	0.1	0	1.17e-1	2.07e+3	31.1	1.00e+0	0.00e+0	9.15e+1	2.39e+1	1.90e+1	4.83e+0	8.00e+0