

BH-1 Photos – Teouma Bridge, Vanuatu







Teonima  
Bridge

11/6/18

BH-1 (SPT)  
3.0-3.45 1-3-3  
N=6

Top ←

→ Bottom



Teonima  
Bridge

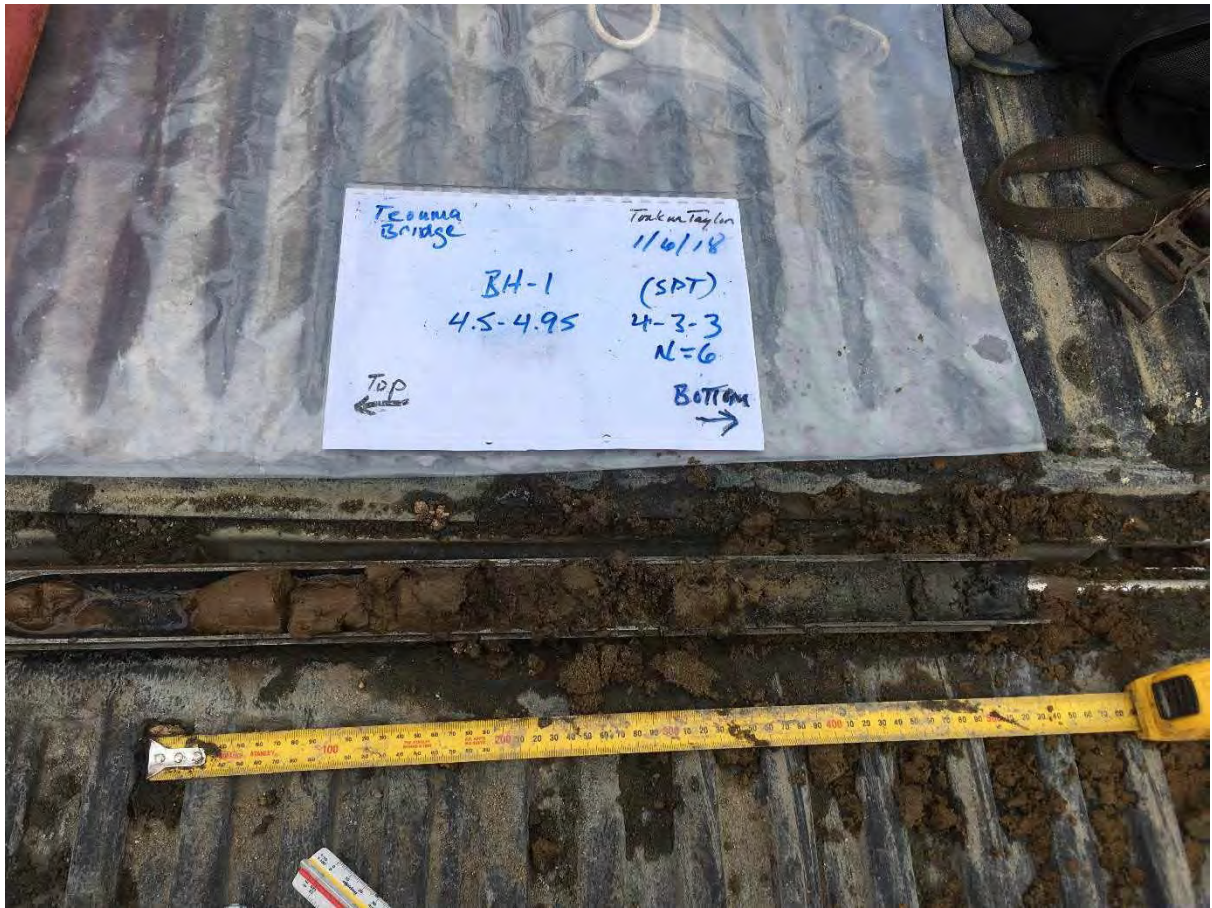
11/6/18

BH-1  
3.95-4.5 m

Top ←

→ Bottom





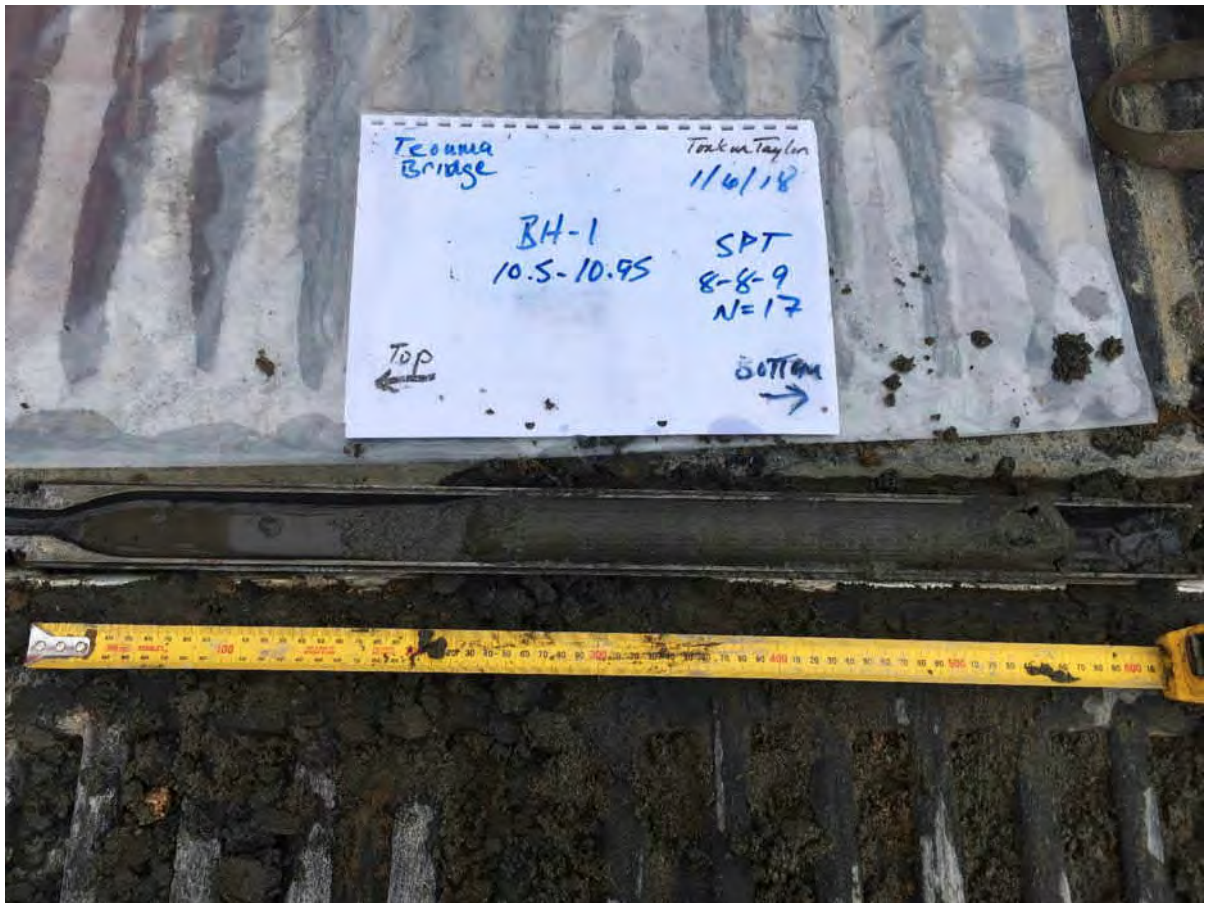












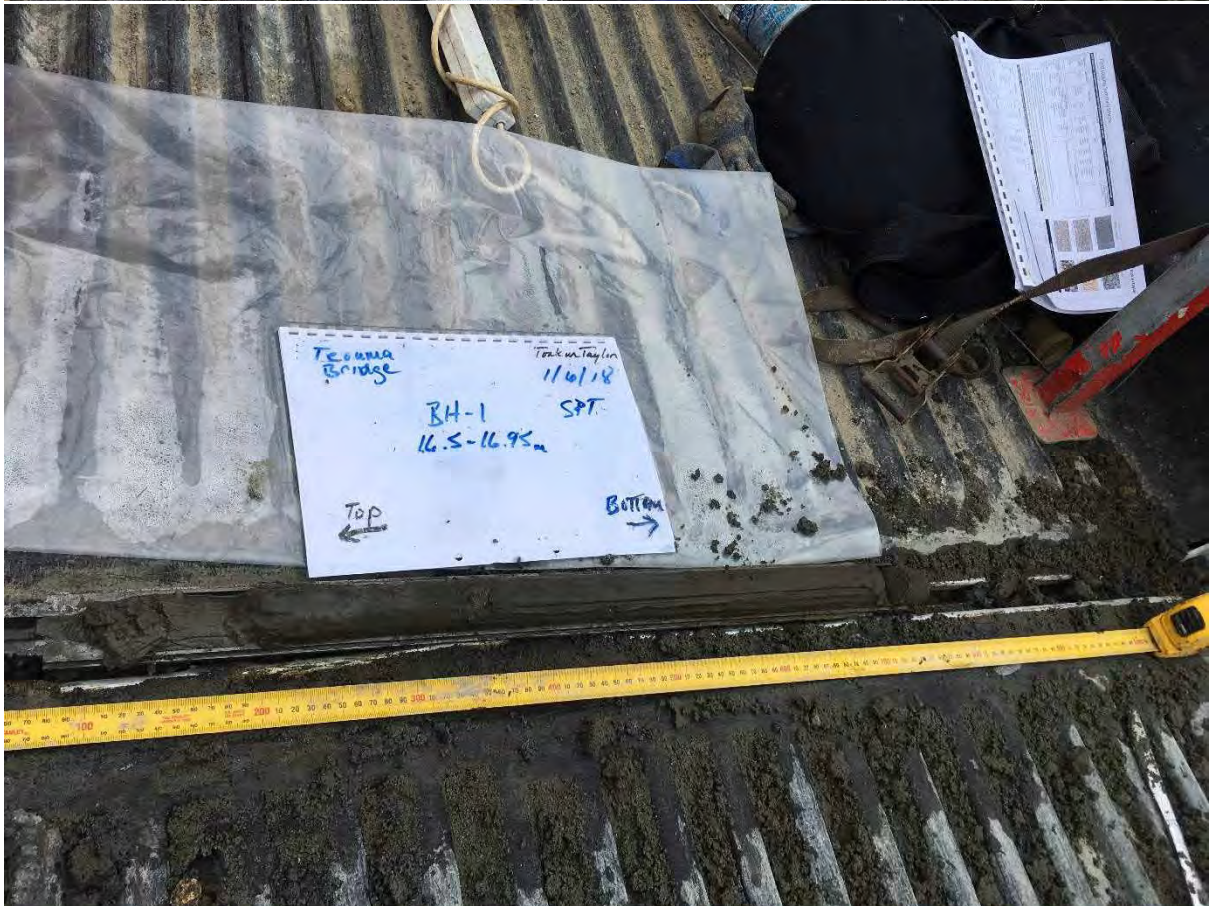




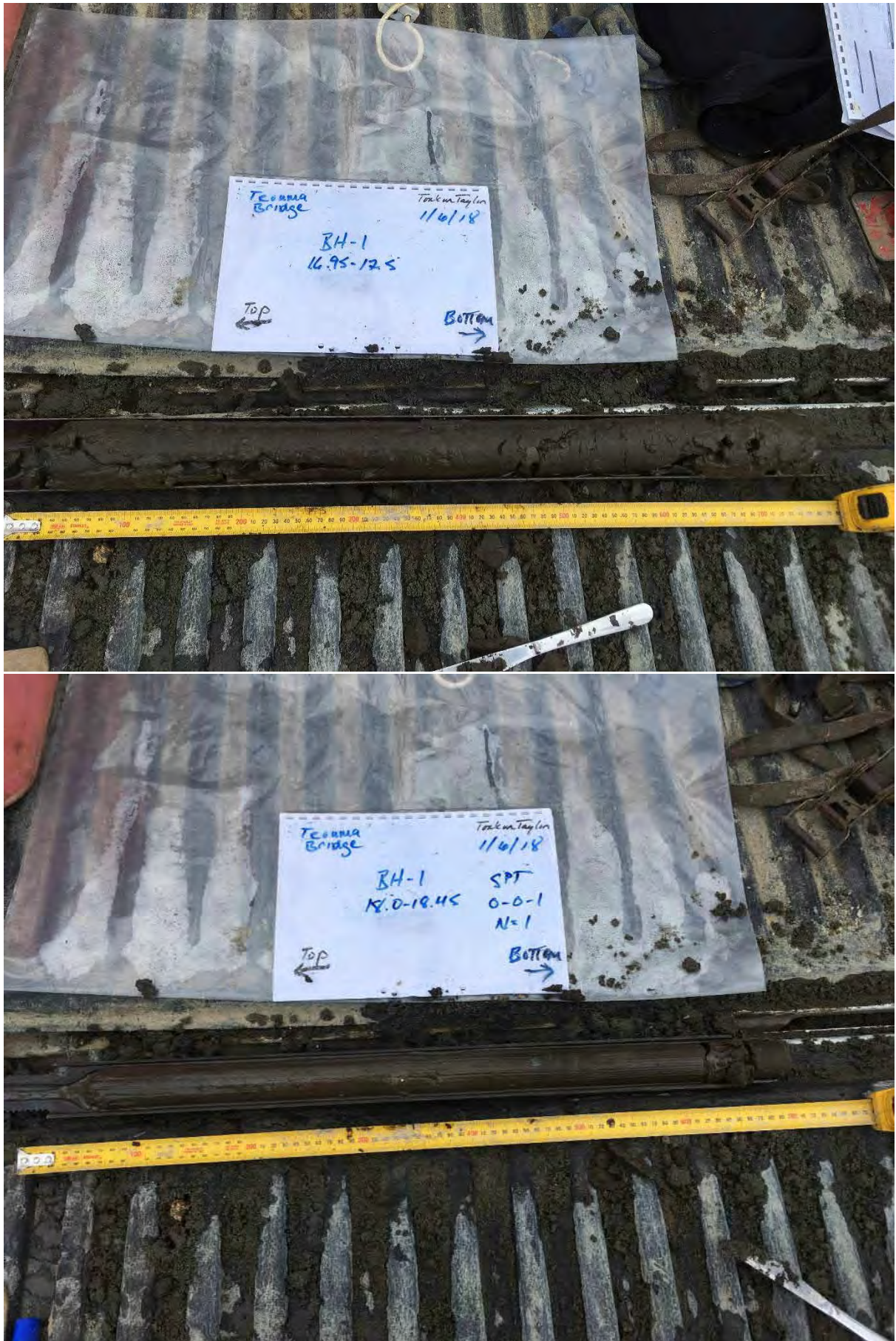




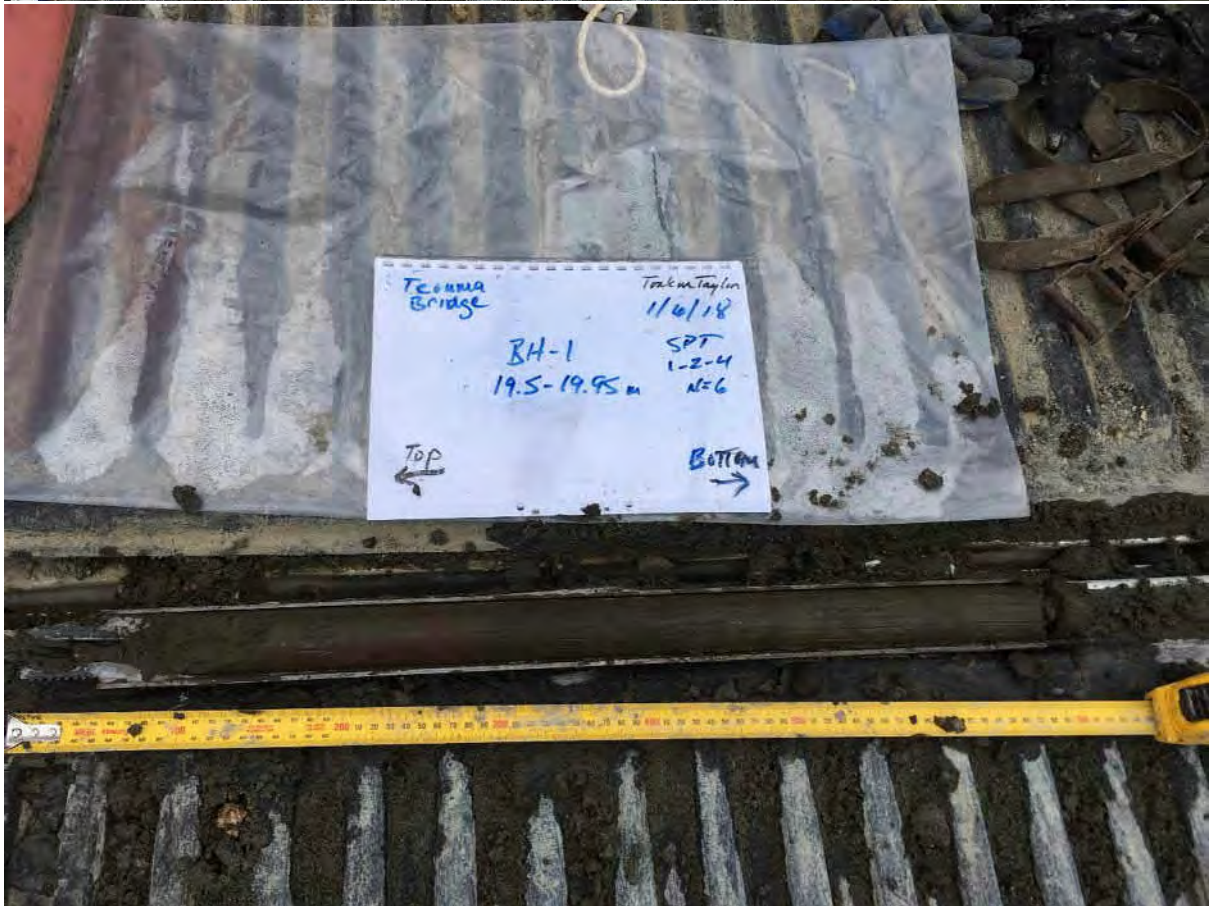










































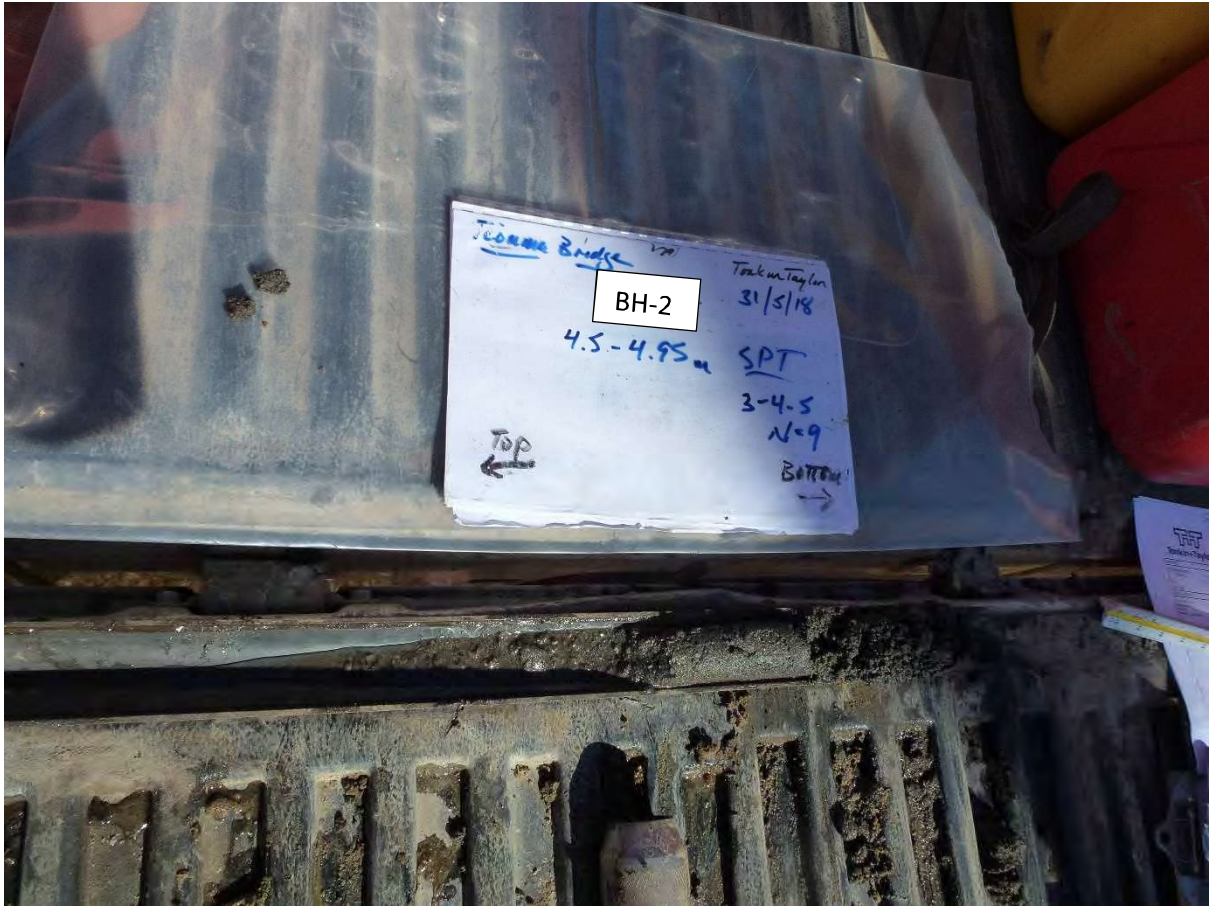




BH-2 Photos – Teouma Bridge, Vanuatu

































































BH-3 Photos - Teouma Bridge, Vanuatu





















BH-4 Photos – Teouma Bridge, Vanuatu

















































CBR-1 to CBR-3 test sampling locations – Efate Ring Road, Vanuatu

CBR-1:





CBR-2:



CBR-3:





## Appendix D: Laboratory Test Results

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- **Moisture Content Test Results:**
  - BH-1-BH-4 (46 tests)
  - CBR-4\* and CBR-5\*\* (2 tests)
- **Particle Size Distribution Test Results:**
  - BH-1-BH-4 (25 tests)
  - CBR-4\* and CBR-5\*\* (2 tests)
- **Atterberg Limits Test Results:**
  - CBR-4\* and CBR-5\*\* (2 tests)
- **Moisture Density Relationship Test Results**
  - CBR-4\* and CBR-5\*\* (2 tests)
- **CBR Test Results:**
  - CBR-4\* and CBR-5\* (2 tests)

\* CBR-4 referred to as Test number: #1 in laboratory reports

\* CBR-5 referred to as Test number: #2 in laboratory reports





# REPUBLIC OF VANUATU

MINISTRY OF INFRASTRUCTURE  
AND PUBLIC UTILITIES


PUBLIC WORKS DEPARTMENT.

**MATERIALS  
LABORATORY  
PORT VILA**

## Moisture Content Report

Client :	<b>TONKIN + TAYLOR</b>	Report Number:	<b>CL/116 - 13</b>
Address :	<b>Port Vila, Port Vila</b>	Report Date :	<b>11/07/2018</b>
Project Name :	<b>Teouma Bridge</b>	Order Number :	
Project Number :	<b>CL/116</b>	Test Method :	<b>AS1289.2.1.1</b>
Location:	<b>Efate , Port Vila</b>		<b>Page 1 of 1</b>

Sample Number :	S-1440	S-1443	S-1444	S-1446
Test Number :	Depth 0m	Depth 7.95m	Depth 9m	Depth 15.45
Sampling Method :				
Date Sampled :	28/06/2018	26/06/2018	26/06/2018	26/06/2018
Date Tested :	2/07/2018	2/07/2018	2/07/2018	2/07/2018
Material Type :				
Material Source :				
Lot Number :	BoreHole 1	BoreHole 1	BoreHole 1	BoreHole 1
Sample Location :	Teouma Bridge BH1 Depth 0m	Teouma Bridge BH1 Depth 7.95m	Teouma Bridge BH1 Depth 9m	Teouma Bridge BH1 Depth 15.45
Oven Temperature (°C) :				
Soil Description :				
Moisture Content (%) :	<b>47.2</b>	<b>92.5</b>	<b>49.2</b>	<b>89</b>
Remarks :				

	<p>APPROVED SIGNATORY</p>  <p>Document Code RF120-6</p> <p style="text-align: right;">01/06/2018</p>
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**MATERIALS  
LABORATORY  
PORT VILA**

## Moisture Content Report

Client :	<b>TONKIN + TAYLOR</b>	Report Number:	<b>CL/116 - 14</b>
Address :	<b>Port Vila, Port Vila</b>	Report Date :	<b>11/07/2018</b>
Project Name :	<b>Teouma Bridge</b>	Order Number :	
Project Number :	<b>CL/116</b>	Test Method :	<b>AS1289.2.1.1</b>
Location:	<b>Efate , Port Vila</b>	<b>Page 1 of 1</b>	

Sample Number :	S-1448	S-1449	S-1450	S-1451
Test Number :	Depth 16.5m	Depth 25.5m	Depth 24.5	Depth 27.45m
Sampling Method :				
Date Sampled :	26/06/2018	26/06/2018	26/06/2018	26/06/2018
Date Tested :	2/07/2018	2/07/2018	2/07/2018	2/07/2018
Material Type :				
Material Source :				
Lot Number :	BoreHole 1	BoreHole 1	BoreHole 1	BoreHole 1
Sample Location :	Teouma Bridge BH1 Depth 16.5m	Teouma Bridge BH1 Depth 25.5m	Teouma Bridge BH1 Depth 24.5	Teouma Bridge BH1 Depth 27.45m
Oven Temperature (°C) :				
Soil Description :				
Moisture Content (%) :	<b>66</b>	<b>51.5</b>	<b>64.5</b>	<b>53</b>
Remarks :				

	<p>APPROVED SIGNATORY</p> <p>Document Code RF120-6</p>
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**MATERIALS  
LABORATORY  
PORT VILA**

## Moisture Content Report

Client :	<b>TONKIN + TAYLOR</b>	Report Number:	<b>CL/116 - 15</b>
Address :	<b>Port Vila, Port Vila</b>	Report Date :	<b>11/07/2018</b>
Project Name :	<b>Teouma Bridge</b>	Order Number :	
Project Number :	<b>CL/116</b>	Test Method :	<b>AS1289.2.1.1</b>
Location:	<b>Efate , Port Vila</b>	<b>Page 1 of 2</b>	

Sample Number :	S-1453	S-1455	S-1456	S-1457
Test Number :	Depth 34.5m	Depth 30m	Depth 39m	Depth 40.5m
Sampling Method :				
Date Sampled :	26/06/2018	26/06/2018	26/06/2018	26/06/2018
Date Tested :	9/07/2018	9/07/2018	9/07/2018	9/07/2018
Material Type :				
Material Source :				
Lot Number :	BoreHole 1	BoreHole 1	BoreHole 1	BoreHole 1
Sample Location :	Teouma Bridge BH1 Depth 34.5m	Teouma Bridge BH1 Depth 30m	Teouma Bridge BH1 Depth 39m	Teouma Bridge BH1 Depth 40.5m
Oven Temperature (°C) :				
Soil Description :				
Moisture Content (%) :	<b>63</b>	<b>64.5</b>	<b>67.5</b>	<b>71</b>
Remarks :				

	APPROVED SIGNATORY  Document Code RF120-6
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**MATERIALS  
LABORATORY  
PORT VILA**

## Moisture Content Report

Client :	<b>TONKIN + TAYLOR</b>	Report Number:	<b>CL/116 - 21</b>
Address :	<b>Port Vila, Port Vila</b>	Report Date :	<b>13/07/2018</b>
Project Name :	<b>Teouma Bridge</b>	Order Number :	
Project Number :	<b>CL/116</b>	Test Method :	<b>AS1289.2.1.1</b>
Location:	<b>Efate , Port Vila</b>	<b>Page 1 of 1</b>	

Sample Number :	S-1461	S-1462	S-1464	S-1465
Test Number :	Depth 3m	Depth 4.95m	Depth 7.5m	Depth 9.45m
Sampling Method :				
Date Sampled :	26/06/2018	26/06/2018	26/06/2018	26/06/2018
Date Tested :	4/07/2018	4/07/2018	4/07/2018	4/07/2018
Material Type :				
Material Source :				
Lot Number :	BoreHole 2	BoreHole 2	BoreHole 2	BoreHole 2
Sample Location :	Teouma Bridge BH2 Depth 3m	Teouma Bridge BH2 Depth 4.95m	Teouma Bridge BH2 Depth 7.5m	Teouma Bridge BH2 Depth 9.45m
Oven Temperature (°C) :				
Soil Description :				
Moisture Content (%) :	<b>76</b>	<b>54</b>	<b>72</b>	<b>53.5</b>
Remarks :				

	APPROVED SIGNATORY  02/08/2018 Document Code RF120-6
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