BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH02

SHEET: 1 OF 4

PROJECT: EEETA
JOB No.: 1097984.1000.2000
LOCATION: Main market

CO-ORDINATES: 168.31394600° (WGS84) -17.74074800°
DIRECTION: 180°
ANGLE FROM HORIZ.: -90°

R.L. GROUND: 1.80m
R.L. COLLAR: 1.80m
DATUM: ELLIPSOID
SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: REOL
CHECKED: CRB
START DATE: 21/01/2026
FINISH DATE: 22/01/2026
CONTRACTOR: Vanuatu Drilling

GEOLOGICAL UNIT	MATERIAL DESCRIPTION (SOIL: Classification, colour, consistency / density, moisture, plasticity; ROCK: Weathering, colour, fabric, name, strength, cementation)	Rock Weathering	Rock Strength	Sampling Method	Core Recovery (%)	Testing	RL (m)	Depth (m)	Graphic Log	ROCK MASS DISCONTINUITIES: Defect Log	Fracture Spacing (mm)	RQD (%)	Description & Additional Observations	Water Level / Fluid Loss (%)	Casing	Installation	Core Box No
Reclamation Fill	*0.00m:* Concrete pavement. [RECLAMATION FILL]																
	0.05m: Sandy SILT; brown. Soft to firm, moist, low plasticity; sand, fine to medium.																
	0.20m: Sandy fine to coarse GRAVEL; brownish black and white. Loosely packed, moist, well graded. Gravel, angular, coral; sand, fine to coarse.																
	0.60m: CORE LOSS - Suspect washed out.			HQTT	40												
	1.50m: Silty fine to medium GRAVEL, some sand; greyish brown. Medium dense, moist, well graded. Gravel, sub-angular, coral.			SPT	89	3/4 // 2/3/3/3 N=11							*1.50 - 1.95m:* PSD - 12% gravel, 62% sand and 26% fines				
	1.95m: CORE LOSS - Suspect washed out.			HQTT	33												
Peri-reef Deposits	*2.65m:* Fine to coarse GRAVEL, minor sand; grey and brownish white. Medium dense, moist, well graded. Gravel, sub-angular, coral. [PERI-REEF DEPOSITS]																
	3.00m: Silty fine to medium SAND; dark grey. Medium dense, moist, well graded.			SPT	89	4/4 // 3/4/4/4 N=15							*3.00 - 3.45m:* PSD - 43% gravel, 36% sand and 21% fines				
	3.10m: Sandy fine to coarse GRAVEL, some silt; brownish white. Medium dense, moist, well graded. Gravel, sub-angular, coral.																
	3.45m: CORE LOSS - Suspect washed out.			HQTT	19												
	4.30m: Sandy fine to coarse GRAVEL, some silt; brownish white. Loose, moist, poorly graded. Gravel, sub-angular, coral.			SPT	67	4/3 // 3/2/2/2 N=9											
	4.30 - 4.50m: Sand and silt washed out.																
	4.92m: CORE LOSS - Suspect washed out.			HQTT	19												
	5.80m: Fine to coarse GRAVEL, some silt and some sand; brownish white. Medium dense, wet, poorly graded. Gravel, sub-angular, coral.			SPT	67	3/1 // 2/3/3/3 N=11											
	5.80 - 5.90m: Sand and silt washed out.																
	6.45m: CORE LOSS - Suspect washed out.			HQTT	19												
	7.30m: Silty fine to coarse SAND, some gravel; brownish white. Medium dense, moist, well graded; gravel, fine to coarse, sub-angular, coral.			SPT	78	2/2 // 3/5/3/3 N=14							*7.50 - 7.95m:* PSD - 24% gravel, 42% sand and 34% fines				
	7.95m: CORE LOSS - Suspect washed out.			HQTT	10												Box 0.00-7.95m
	8.90m: Sandy fine to medium GRAVEL, some silt; light brown. Loose, moist, well graded. Gravel, angular, coral.			SPT	78	2/2 // 2/1/3/3 N=9							*9.00 - 9.45m:* PSD - 36% gravel, 32% sand and 32% fines				
	9.45m: CORE LOSS - Suspect washed out.			HQTT	14												

Water Level / Fluid Loss (%): 25 50 75 — 23/01/2026

COMMENTS: 1. Following completion of Drilling to 30m, the PVC installation and tremie pipe were installed with the flush toby at 8:30 am on 23/01/26. Grouting of the installation was subsequently completed on 24/01/26 and 26/01/26.

Hole Depth 30.1m

Scale 1:50

Rev.: A

TTNZ_20251211 - GeneralLog - 5/05/2026 5:58:05 pm - Produced with Core-GS by GeRoc

BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH02

SHEET: 2 OF 4

PROJECT: EEETA
JOB No.: 1097984.1000.2000
LOCATION: Main market

CO-ORDINATES: 168.31394600° (WGS84) -17.74074800°
DIRECTION: 180°
ANGLE FROM HORIZ.: -90°

R.L. GROUND: 1.80m
R.L. COLLAR: 1.80m
DATUM: ELLIPSOID
SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: REOL
CHECKED: CRB
START DATE: 21/01/2026
FINISH DATE: 22/01/2026
CONTRACTOR: Vanuatu Drilling

GEOLOGICAL UNIT	MATERIAL DESCRIPTION (SOIL: Classification, colour, consistency / density, moisture, plasticity; ROCK: Weathering, colour, fabric, name, strength, cementation)	Rock Weathering	Rock Strength	Sampling Method	Core Recovery (%)	Testing	RL (m)	Depth (m)	Graphic Log	ROCK MASS DISCONTINUITIES: Defect Log	Fracture Spacing (mm)	RQD (%)	Description & Additional Observations	Water Level / Fluid Loss (%)	Casing	Installation	Core Box No
Peri-reef Deposits	[CONT] *9.45m:* CORE LOSS - Suspect washed out.			HQTT	14		-9	11									
	10.35m: Sandy fine to coarse GRAVEL, some silt; brownish white. Medium dense, moist, poorly graded. Gravel, angular, coral.			SPT	100	5/5// 7/10/13/16 **N=46**											
	10.95m: CORE LOSS - Suspect washed out.			HQTT	57		-10	12									
	11.40m: COBBLES, some sand and some gravel; white. Medium dense, moist, poorly graded. Cobbles, up to 120mm, angular, coral.																
	12.00m: Sandy fine to coarse GRAVEL, some silt; brownish white. Medium dense, moist, well graded. Gravel, sub-angular, coral.			SPT	67	4/2// 4/8/5/4 **N=21**											
	12.45m: CORE LOSS - Suspect washed out.			HQTT	10		-11	13									
	13.40m: Silty fine to coarse SAND, some gravel; light brown. Medium dense, moist, well graded; gravel, fine to coarse, sub-angular, coral.			SPT	100	6/3// 4/3/4/3 **N=14**	-12	14					*13.50 - 13.95m:* PSD - 33% gravel, 36% sand and 31% fines				
	13.95m: CORE LOSS - Suspect washed out.			HQTT	24		-13	15									
	14.75m: Sandy fine to coarse GRAVEL, some silt; light brown. Medium dense, moist, well graded. Gravel, up to 50mm, sub-angular, coral.			SPT	67	4/5// 6/7/9/6 **N=28**											Box 7.95-15.45m
	15.45m: Sandy fine to coarse GRAVEL, some silt; light brown. Tightly packed, moist, poorly graded. Gravel, sub-angular, coral.						-14	16									
Reef Limestone Formation	*15.65m:* Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained. [REEF LIMESTONE FORMATION]			HQTT	100	20 for 41mm **N>=50** Solid Cone Bouncing Refusal	-15	17									
						BH02_ UCS @ 17.56m	-16	18					*17.56 - 17.88m:* UCS - 68 MPa				
	18.00m: CORE LOSS - Suspect washed out.																
	18.15m: Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	92	20 for 35mm **N>=50** Solid Cone Bouncing Refusal	-17	19									Box 15.45-19.40m
				HQTT	100		-18										

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Hole Depth 30. 1m

Scale 1:50

Rev.: A

TTNZ_20251211 - GeneralLog - 5/05/2026 5:58:06 pm - Produced with Core-GS by GeRoc

BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH02

SHEET: 3 OF 4

PROJECT: EEETA
JOB No.: 1097984.1000.2000
LOCATION: Main market

CO-ORDINATES: 168.31394600° -17.74074800° (WGS84)
DIRECTION: 180°
ANGLE FROM HORIZ.: -90°

R.L. GROUND: 1.80m
R.L. COLLAR: 1.80m
DATUM: ELLIPSOID
SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: REOL
CHECKED: CRB
START DATE: 21/01/2026
FINISH DATE: 22/01/2026
CONTRACTOR: Vanuatu Drilling

GEOLOGICAL UNIT	MATERIAL DESCRIPTION (SOIL: Classification, colour, consistency / density, moisture, plasticity; ROCK: Weathering, colour, fabric, name, strength, cementation)	Rock Weathering	Rock Strength	Sampling Method	Core Recovery (%)	Testing	RL (m)	Depth (m)	Graphic Log	ROCK MASS DISCONTINUITIES: Defect Log	Fracture Spacing (mm)	RQD (%)	Description & Additional Observations	Water Level / Fluid Loss (%)	Casing	Installation	Core Box No
Reef Limestone Formation	[CONT] *18.15m:* Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	100		-19	21									
	21.00m: CORE LOSS - Suspect washed out.				0	25 for 45mm N>=50 Solid Cone Bouncing Refusal											
	21.15m: Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	93		-20	22									
	22.50m: CORE LOSS - Suspect washed out.																
	22.60m: Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	93		-21	23									Box 19.40-23.30m
	24.00m: CORE LOSS - Suspect washed out.			SPTC	0	15/12// 11/19/13/9 N>=50 Solid Cone	-22	24									
	24.50m: Slightly weathered, brownish white, LIMESTONE. Very weak, poorly cemented, coarse grained.			HQTT	95		-23	25									
	25.50m: CORE LOSS - Suspect washed out.																
	25.75m: Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	83		-24	26									
	27.00m: CORE LOSS - Suspect washed out.			SPTC	0	20/18// for 45mm N>=50 Solid Cone Bouncing Refusal	-25	27									
	27.35m: Slightly weathered, brownish white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	83		-26	28									Box 23.30-28.35m
	29.05m: CORE LOSS - Suspect washed out.			HQTT	73		-27	29									
	29.45m: Slightly weathered, brownish white, LIMESTONE. Very weak, poorly cemented, coarse grained.						-28										

COMMENTS: 1. Following completion of Drilling to 30m, the PVC installation and tremie pipe were installed with the flush toby at 8:30 am on 23/01/26. Grouting of the installation was subsequently completed on 24/01/26 and 26/01/26.

Hole Depth 30. 1m

Scale 1:50

Rev.: A

TTNZ_20251211 - GeneralLog - 5/05/2026 5:58:06 pm - Produced with Core-GS by GeRoc

BOREHOLE LOG

BOREHOLE No.: BH02

SHEET: 4 OF 4

Tonkin+Taylor

PROJECT: EEETA
JOB No.: 1097984.1000.2000
LOCATION: Main market

CO-ORDINATES: 168.31394600° (WGS84) -17.74074800°
DIRECTION: 180°
ANGLE FROM HORIZ.: -90°

R.L. GROUND: 1.80m
R.L. COLLAR: 1.80m
DATUM: ELLIPSOID
SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: REOL
CHECKED: CRB
START DATE: 21/01/2026
FINISH DATE: 22/01/2026
CONTRACTOR: Vanuatu Drilling

GEOLOGICAL UNIT	MATERIAL DESCRIPTION (SOIL: Classification, colour, consistency / density, moisture, plasticity; ROCK: Weathering, colour, fabric, name, strength, cementation)	Rock Weathering (HW SW MW DW CW RS)	Rock Strength (VS+ S MS W VW EW)	Sampling Method	Core Recovery (%)	Testing	RL (m)	Depth (m)	Graphic Log	ROCK MASS DISCONTINUITIES: Defect Log	Fracture Spacing (mm) (2000 600 200 60 20)	RQD (%)	Description & Additional Observations	Water Level / Fluid Loss (%) (25 50 75)	Casing	Installation	Core Box No
Reef Limestone Formation	*30.00m:* NO RECOVERY - Solid SPT, no overcore recovered. 30.1m: END OF BOREHOLE				0	18/10// for 25mm **N>=50** Solid Cone Bouncing Refusal	-29 -30 -31 -32 -33 -34 -35 -36 -37 -38	31 32 33 34 35 36 37 38 39									

COMMENTS: 1. Following completion of Drilling to 30m, the PVC installation and tremie pipe were installed with the flush toby at 8:30 am on 23/01/26. Grouting of the installation was subsequently completed on 24/01/26 and 26/01/26.

Hole Depth 30.1m

Scale 1:50

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CORE PHOTOS

BOREHOLE No.: **BH02**

Hole Location: Main market

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.313946 (WGS84) -17.740748 R.L.: 1.80m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 21/01/2026 HOLE FINISHED: 22/01/2026 DRILLED BY: Vanuatu Drilling LOGGED BY: REOL CHECKED: CRB



0.00-7.95m



7.95-15.45m

TTNZ_20251211 - GeneralLog - 5/05/2026 5:58:06 pm - Produced with Core-GS by GeRoc

CORE PHOTOS

BOREHOLE No.: **BH02**

Hole Location: Main market

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.313946 (WGS84) -17.740748 R.L.: 1.80m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 21/01/2026 HOLE FINISHED: 22/01/2026 DRILLED BY: Vanuatu Drilling LOGGED BY: REOL CHECKED: CRB



15.45-19.40m



19.40-23.30m

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CORE PHOTOS

BOREHOLE No.: **BH02**

Hole Location: Main market

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.313946 (WGS84) -17.740748 R.L.: 1.80m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 21/01/2026 HOLE FINISHED: 22/01/2026 DRILLED BY: Vanuatu Drilling LOGGED BY: REOL CHECKED: CRB



23.30-28.35m



28.35-30.10m

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