BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH04

SHEET: 1 OF 2

PROJECT: EEETA	CO-ORDINATES: 168.31476800° (WGS84) -17.73779600°	R.L. GROUND: 5.30m
JOB No.: 1097984.1000.2000		R.L. COLLAR: 5.30m
LOCATION: National Bank of Vanuatu	DIRECTION: 180°	DATUM: ELLIPSOID
	ANGLE FROM HORIZ.: -90°	SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: COCU
CHECKED: CRB
START DATE: 13/12/2025
FINISH DATE: 13/12/2025
CONTRACTOR: Vanuatu Drilling

GEOLOGICAL UNIT	MATERIAL DESCRIPTION	Sampling Method	Core Recovery (%)	Testing	RL (m)	Depth (m)	Defect Log	Fracture Spacing (mm)	RQD (%)	Description & Additional Observations
	SOIL: Classification, colour, consistency / density, moisture, plasticity ROCK: Weathering, colour, fabric, name, strength, cementation									
Fill	*0.00m:* Sandy fine to coarse GRAVEL; brown and white. Loosely packed, dry, poorly graded. Gravel, sub-rounded, coral; sand, fine to coarse. Plastic bag. [FILL]	HQTT	20		5	0				
	0.30m: CORE LOSS - Suspect washed out.									
	0.30 - 1.50m: Cuttings are light brownish white, sand comprising coral.				1	1				
Peri-reef Deposits	*1.50m:* Fine to medium SAND, some gravel, minor silt; light brownish white. Tightly packed, moist, uniformly graded; gravel, fine to medium, sub-angular, shell fragments. [PERI-REEF DEPOSITS]	SPT	100	3/4// 8/8/12/22 **N>=50**	4	2				*1.50 - 1.95m:* PSD - 27% gravel, 45% sand and 26% fines
	1.95m: BOULDERS, some gravel; white and light brown. Tightly packed, moist, poorly graded. Boulders, up to 500mm, Coral.	HQTT	100		3	3				
	2.85m: Fine to coarse GRAVEL, some sand; light brownish white. Loosely packed, moist, poorly graded. Gravel, rounded, Coral.				2	4				
	3.60m: CORE LOSS - Suspect washed out.	HQTT	40		1	4				
	4.50m: Fine to coarse GRAVEL, some sand; brownish white. Medium dense, moist, poorly graded. Gravel, sub-rounded to sub-angular, Coral.	SPT	100	4/3// 2/3/3/4 **N=12**	0	5				
	5.00m: COBBLES; light brown and white. Very dense, moist. Cobbles, Coral.	HQTT	100		-1	6				
				20 for 50mm **N>=50** Bouncing Refusal						
	6.40m: Fine to coarse GRAVEL, some sand; brownish white. Loosely packed, moist, poorly graded. Gravel, sub-rounded to sub-angular, Coral.	HQTT	38		-2	7				
	6.60m: CORE LOSS - Suspect washed out.									
	6.60 - 9.00m: Cuttings are light brown and white, sand comprising coral.				-3	8				
	7.50m: NO RECOVERY - Solid SPT, no overcore recovered.	SPTC	0	5/5// 5/5/4/4 **N=18** Solid Cone						
	7.95m: CORE LOSS - Suspect washed out.	HQTT	0		-4	9				
	9.00m: Sandy fine to coarse GRAVEL; brown. Loose to medium dense, moist, poorly graded. Gravel, sub-rounded, Coral.	SPT	100	2/3// 2/2/3/6 **N=13**						
Reef Limestone Formation	*9.40m:* Fine to coarse GRAVEL, some sand; brown and white. Medium dense, moist, poorly graded. Gravel, sub-angular, Coral. [REEF LIMESTONE FORMATION]	HQTT	38							

Water Level / Fluid Loss (%): 25, 50, 75 — 15/12/2025
Casing
Installation: Box 0.00-5.90m
Core Box No

COMMENTS: 1. Borehole has piezometer installation from 6 - 9 m. A Levelogger was installed at 8.8 m bgl. 2. Minimal water circulation the entire depth of borehole.

Hole Depth 15.17m

Scale 1:50

Rev.: A

TTNZ_20251211 - GeneralLog - 6/05/2026 9:14:03 am - Produced with Core-GS by GeRoc

BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH04

SHEET: 2 OF 2

PROJECT: EEETA

JOB No.: 1097984.1000.2000

LOCATION: National Bank of Vanuatu

CO-ORDINATES: 168.31476800° (WGS84) -17.73779600°

DIRECTION: 180°

ANGLE FROM HORIZ.: -90°

R.L. GROUND: 5.30m

R.L. COLLAR: 5.30m

DATUM: ELLIPSOID

SURVEY: Map or aerial photograph

DRILLED BY: Jono

LOGGED BY: COCU

CHECKED: CRB

START DATE: 13/12/2025

FINISH DATE: 13/12/2025

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	*9.85m:* CORE LOSS - Suspect washed out.			HQTT	38												
	10.50m: Fine to coarse GRAVEL, some sand; brown and white. Very dense, moist, poorly graded. Gravel, sub-angular, Coral.			SPT	100	7/10// 18/10/8/14 for 65mm **N>=50**											
	10.94m: Slightly weathered, white and brown, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	100												
				SPT	100	8/5// 6/17/18/9 for 65mm **N>=50**											Box 5.90-12.45m
	12.70m: CORE LOSS - Confirmed material left in bottom of hole, washed out on subsequent run.			HQTT	25												
	13.50m: NO RECOVERY - Solid SPT, no overcore recovered.			SPTC	0	2/3// 13/10/9/13 **N=45** Solid Cone											
	13.95m: Slightly weathered, white and brown, LIMESTONE. Very weak, well cemented, coarse grained. Recovered as: coarse GRAVEL, minor sand; white and brown. Tightly packed, moist, poorly graded. Gravel, sub-rounded, Coral.			HQTT	57												
	14.55m: CORE LOSS - Confirmed material left in bottom of hole, washed out on subsequent run.																Box 12.45-15.17m
	15.00m: NO RECOVERY - Solid SPT, no overcore recovered.			SPTC	0	8/12// 10 for 20mm **N>=50** Solid Cone Bouncing											
	15.17m: END OF BOREHOLE																

COMMENTS: 1. Borehole has piezometer installation from 6 - 9 m. A Levelogger was installed at 8.8 m bgl. 2. Minimal water circulation the entire depth of borehole.

Hole Depth 15.17m

Scale 1:50

Rev.: A

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CORE PHOTOS

BOREHOLE No.: **BH04**

Hole Location: National Bank of Vanuatu

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.314768 (WGS84) -17.737796 R.L.: 5.30m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 13/12/2025 HOLE FINISHED: 13/12/2025 DRILLED BY: Vanuatu Drilling LOGGED BY: COCU CHECKED: CRB



0.00-5.90m



5.90-12.45m

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CORE PHOTOS

BOREHOLE No.: **BH04**

Hole Location: National Bank of Vanuatu

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.314768 (WGS84) -17.737796 R.L.: 5.30m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 13/12/2025 HOLE FINISHED: 13/12/2025 DRILLED BY: Vanuatu Drilling LOGGED BY: COCU CHECKED: CRB



12.45-15.17m

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