BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH05

SHEET: 1 OF 2

PROJECT: EEETA	CO-ORDINATES: 168.31323000° (WGS84) -17.73734700°	R.L. GROUND: 2.10m
JOB No.: 1097984.1000.2000		R.L. COLLAR: 2.10m
LOCATION: Jungle Cafe	DIRECTION: 180°	DATUM: ELLIPSOID
	ANGLE FROM HORIZ.: -90°	SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: COCU
CHECKED: CRB
START DATE: 12/12/2025
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
Reclamation Fill	*0.00m:* COBBLES, some sand and some gravel; white and brown. Loosely packed, moist, poorly graded. Cobbles, up to 80mm; gravel, fine to coarse, sub-angular, coral. [RECLAMATION FILL]						2	0									
	0.65m: CORE LOSS - Suspect washed out.			HQTT	43		1	1									
Reef Limestone Formation	*1.50m:* Slightly weathered, white and light brown, LIMESTONE. Very weak, well cemented, coarse grained. [REEF LIMESTONE FORMATION]			HQTT	100	10/10// for 5 mm **N>=50** Bouncing Refusal	0	2									
	3.07m: CORE LOSS - Suspect washed out.					15 for 70mm **N>=50** Bouncing Refusal	-1	3									
	3.25m: Slightly weathered, white and light brown, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	87												
	4.94m: CORE LOSS - Suspect washed out.			SPT	100	5/9// 16/12/13/9 for 65mm **N>=50**	-3	5									Box 0.00-4.94m
	5.10m: Slightly weathered, white and light brown, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	85												
	6.00m: Gravelly fine to coarse SAND, some silt; brown. Medium dense, moist, poorly graded; gravel, fine to coarse, sub-angular, Coral.			SPT	100	3/2// 4/2/2/2 **N=10**	-4	6									
	6.50m: CORE LOSS - Confirmed material left in bottom of hole, washed out on subsequent run.			HQTT	5		-5	7									
	7.50m: Slightly weathered, white and light brown, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	100	20 for 50mm **N>=50** Bouncing Refusal	-6	8									
	8.80m: Slightly weathered, white, LIMESTONE. Very weak, well cemented, fine grained.			HQTT	100	20 for 70mm **N>=50** Bouncing Refusal BH05_UCS @ 9.35m	-7	9					*9.35 - 9.55m:* UCS - 2.0 MPa				Box 4.94-9.90m

Water Level / Fluid Loss (%): 25, 50, 75 — 13/12/2025

COMMENTS: 1. Borehole has piezometer installation from 3 - 6 m. A Levelogger was installed at 5.8 m bgl. 2. No water circulation the entire depth of borehole.

Hole Depth 19.5m

Scale 1:50

Rev.: A

TTNZ_20251211 - GeneralLog - 6/05/2026 9:18:59 am - Produced with Core-GS by GeRoc

BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH05

SHEET: 2 OF 2

PROJECT: EEETA
JOB No.: 1097984.1000.2000
LOCATION: Jungle Cafe

CO-ORDINATES: 168.31323000° -17.73734700° (WGS84)
DIRECTION: 180°
ANGLE FROM HORIZ.: -90°

R.L. GROUND: 2.10m
R.L. COLLAR: 2.10m
DATUM: ELLIPSOID
SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: COCU
CHECKED: CRB
START DATE: 12/12/2025
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 (UW SW MW HW CW EW 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	[CONT] *8.80m:* Slightly weathered, white, LIMESTONE. Very weak, well cemented, fine grained.			HQTT	100	20 for 20mm **N>=50** Bouncing Refusal	-8										
	11.25m: CORE LOSS - Suspect washed out. Fine grained Limestone.			HQTT	51		-9	11									
	12.00m: Slightly weathered, white, LIMESTONE. Very weak, well cemented, coarse grained.			HQTT	100	10 for 20mm **N>=50** Solid Cone Bouncing Refusal	-10	12									
	13.80m: CORE LOSS - Suspect washed out. Highly fractured Limestone.			HQTT	18	20 for 40mm **N>=50** Solid Cone Bouncing Refusal	-11	13					*13.80 - 16.50m:* Driller comment: material is similar strength to core above. Cuttings are light brownish white sand, comprising coral. Suspect washing out highly fractured Limestone				
				HQTT	0	20 for 20mm **N>=50** Solid Cone Bouncing Refusal	-12	14									
							-13	15									
							-14	16									
	16.50m: Slightly weathered, brownish white, LIMESTONE. Extremely weak, well cemented, coarse grained. Recovered as: fine to coarse GRAVEL, minor cobbles, trace sand; brownish white. Very dense, moist, poorly graded. Gravel, angular, Coral.			HQTT	73		-15	17									Box 9.90-17.10m
	17.60m: CORE LOSS - Suspect washed out. Highly fractured Limestone.						-16	18									
	18.00m: Slightly weathered, brownish white, LIMESTONE. Extremely weak, well cemented, coarse grained. Recovered as: fine to coarse GRAVEL, minor cobbles, trace sand; brownish white. Very dense, moist, poorly graded. Gravel, angular, Coral.			HQTT	65	20 for 60mm **N>=50** Solid Cone Bouncing Refusal	-17	19									Box 17.10-19.50m
	19.00m: CORE LOSS - Suspect material dropped out of barrel.																
	19.5m: END OF BOREHOLE																

COMMENTS: 1. Borehole has piezometer installation from 3 - 6 m. A Levelogger was installed at 5.8 m bgl. 2. No water circulation the entire depth of borehole.

Hole Depth 19.5m

Scale 1:50

Rev.: A

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CORE PHOTOS

BOREHOLE No.: **BH05**

Hole Location: Jungle Cafe

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.31323 (WGS84) -17.737347 R.L.: 2.10m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 12/12/2025 HOLE FINISHED: 13/12/2025 DRILLED BY: Vanuatu Drilling LOGGED BY: COCU CHECKED: CRB



0.00-4.94m



4.94-9.90m

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CORE PHOTOS

BOREHOLE No.: **BH05**

Hole Location: Jungle Cafe

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CO-ORDINATES: 168.31323 (WGS84) -17.737347 R.L.: 2.10m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 12/12/2025 HOLE FINISHED: 13/12/2025 DRILLED BY: Vanuatu Drilling LOGGED BY: COCU CHECKED: CRB



9.90-17.10m



17.10-19.50m

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