BOREHOLE LOG

Tonkin+Taylor

BOREHOLE No.: BH12A

SHEET: 1 OF 2

PROJECT: EEETA

JOB No.: 1097984.1000.2000

LOCATION: Public prosecutors office

CO-ORDINATES: 168.31880674° -17.73562096° (WGS84)

DIRECTION: 180°

ANGLE FROM HORIZ.: -90°

R.L. GROUND: 68.30m

R.L. COLLAR:

DATUM: ELLIPSOID

SURVEY: Map or aerial photograph

DRILLED BY: Jono

LOGGED BY: REOL

CHECKED: CRB

START DATE: 26/01/2026

FINISH DATE: 30/01/2026

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	*0.00m:* Gravelly fine to coarse SAND; dark brown. Loosely packed, moist; gravel, fine to coarse, limestone.			HQTT	30		68	0									
	0.20m: SILT; dark brown. Soft to firm, moist.																
	0.25m: CORE LOSS - Suspect washed out.																
	1.30m: Slightly weathered, brownish white, LIMESTONE. Very weak, poorly cemented, coarse grained. [REEF LIMESTONE FORMATION]			SPT / HQTT	96 / 87	6/20// for 40mm **N>=50** Bouncing Refusal	67	1 / 2									
	3.00m: Highly weathered, brown and white, LIMESTONE. Extremely weak, poorly cemented. Recovered as: sandy fine to coarse GRAVEL; brown and white. Medium dense, moist, poorly graded. Gravel, coral.			SPT	67	2/3// 3/3/3/5 **N=14**	66	2 / 3									
	3.50m: CORE LOSS - Suspect washed out.			HQTT	14		65	3 / 4					*3.45m:* 26/01/26 Vibration due to loss of circulation. Rods pulled. Grouted with 400 L, to 3.35 m. 27/01/26. Hole regrouted to surface with lightly woodchipped grout.				
	3.45 - 3.50m: Sand and fines washed out. Grey from grouting above.																
	4.40m: Highly weathered, light brown, LIMESTONE. Extremely weak, poorly cemented, coarse grained. Recovered as: gravelly fine to coarse SAND; light brown. Medium dense, moist, poorly graded; gravel, fine to coarse, sub-angular, coral.			SPT	100	4/3// 2/4/5/3 **N=14**	64	4 / 5									
	4.95m: CORE LOSS - Suspect washed out.			HQTT	29		63	5 / 6									
	5.70m: Highly weathered, light brown, LIMESTONE. Extremely weak, poorly cemented. Recovered as: gravelly fine to coarse SAND; light brown. Dense, moist, poorly graded; gravel, fine to coarse, sub-angular, coral.			SPT	100	6/7// 12/9/5/6 **N=32**	62	6 / 7									
	6.45m: CORE LOSS - Suspect washed out.			HQTT	90		61	7 / 8									Box 0.00-6.45m
	6.55m: Highly weathered, brownish white, LIMESTONE. Extremely weak, poorly cemented, coarse grained. Recovered as: gravelly fine to coarse SAND; brownish white. Loose, moist, poorly graded; gravel, fine to medium, sub-angular, coral.			SPT	100	3/2// 1/2/3/3 **N=9**	60	8 / 9									
	7.95m: CORE LOSS - Suspect washed out.			HQTT	76		59	9 / 10									
	8.20m: Highly weathered, light brown, LIMESTONE. Extremely weak, poorly cemented, coarse grained. Recovered as: gravelly fine to coarse SAND; light brown. Loosely packed, moist, poorly graded; gravel, fine to medium, sub-angular, coral.																
	8.70m: Moderately weathered, brownish white, LIMESTONE. Extremely weak, poorly cemented, coarse grained. Recovered as: sandy fine to coarse GRAVEL, some cobbles; brownish white. Medium dense, moist, poorly graded. Gravel, sub-angular, coral; cobbles, up to 70mm.			SPT	100	4/2// 5/4/7/8 **N=24**												
	9.45m: CORE LOSS - Suspect washed out.			HQTT	19								*9.45m:* 28/01/26. No circulation. Rods pulled. Grouted to surface with 300L of lightly woodchipped grout. 29/01/26. Grout redrilled to 4.5 m, loosing circulation at 3m. Used 5 inch reamer to widen hole and install 4 inch PVC grouted in to 4.5 m.				

COMMENTS: Hole collapsed back to 10.8 m. No water encountered.

Hole Depth 12m

Scale 1:50

Rev.: A

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BOREHOLE LOG

BOREHOLE No.: BH12A

SHEET: 2 OF 2

Tonkin+Taylor

PROJECT: EEETA
JOB No.: 1097984.1000.2000
LOCATION: Public prosecutors office

CO-ORDINATES: 168.31880674° (WGS84) -17.73562096°
DIRECTION: 180°
ANGLE FROM HORIZ.: -90°

R.L. GROUND: 68.30m
R.L. COLLAR:
DATUM: ELLIPSOID
SURVEY: Map or aerial photograph

DRILLED BY: Jono
LOGGED BY: REOL
CHECKED: CRB
START DATE: 26/01/2026
FINISH DATE: 30/01/2026
CONTRACTOR: Vanuatu Drilling

GEOLOGICAL UNIT	MATERIAL DESCRIPTION (SOIL: Classification, colour, consistency / density, moisture, plasticity; ROCK: Weathering, colour, fabric, name, strength, cementation)	Rock Weathering (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] *9.45m:* CORE LOSS - Suspect washed out.			HQTT	19		58										
	10.30m: Moderately weathered, brownish white, LIMESTONE. Extremely weak, poorly cemented, coarse grained. Recovered as: fine to coarse GRAVEL, some sand; brownish white. Medium dense, moist, poorly graded. Gravel, sub-angular, coral.			SPT	100	2/3// 3/4/5/10 **N=22**											
	10.95m: CORE LOSS - Suspect washed out.			HQTT	0		57	11					*10.80 - 12.00m:* Hole collapsed back to 10.8m. Rods pulled, hole terminated				Box 6.45-12.00m
	12m: Collapse						56	12									
							55	13									
							54	14									
							53	15									
							52	16									
							51	17									
							50	18									
							49	19									

COMMENTS: Hole collapsed back to 10.8 m. No water encountered.

Hole Depth 12m

Scale 1:50

Rev.: A

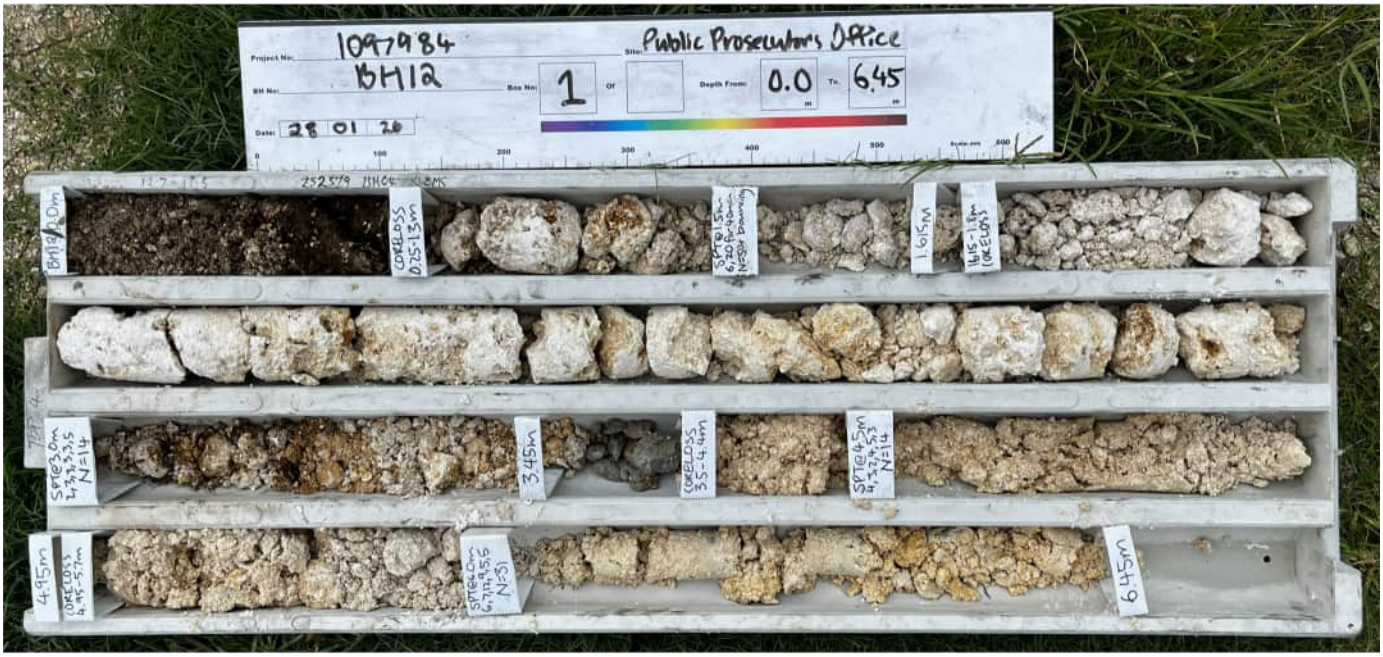
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CORE PHOTOS

BOREHOLE No.: **BH12A**

Hole Location: Public prosecutors office

PROJECT: EEETA	LOCATION: Port Vila	JOB No.: 1097984.1000.2000
CO-ORDINATES: 168.31880673766133 (WGS84) -17.735620963105823 R.L.: 68.30m DATUM: ELLIPSOID	DRILL TYPE: Trailer rig METHOD: Rotary cored	HOLE STARTED: 26/01/2026 HOLE FINISHED: 30/01/2026 DRILLED BY: Vanuatu Drilling LOGGED BY: REOL CHECKED: CRB



0.00-6.45m



6.45-12.00m

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