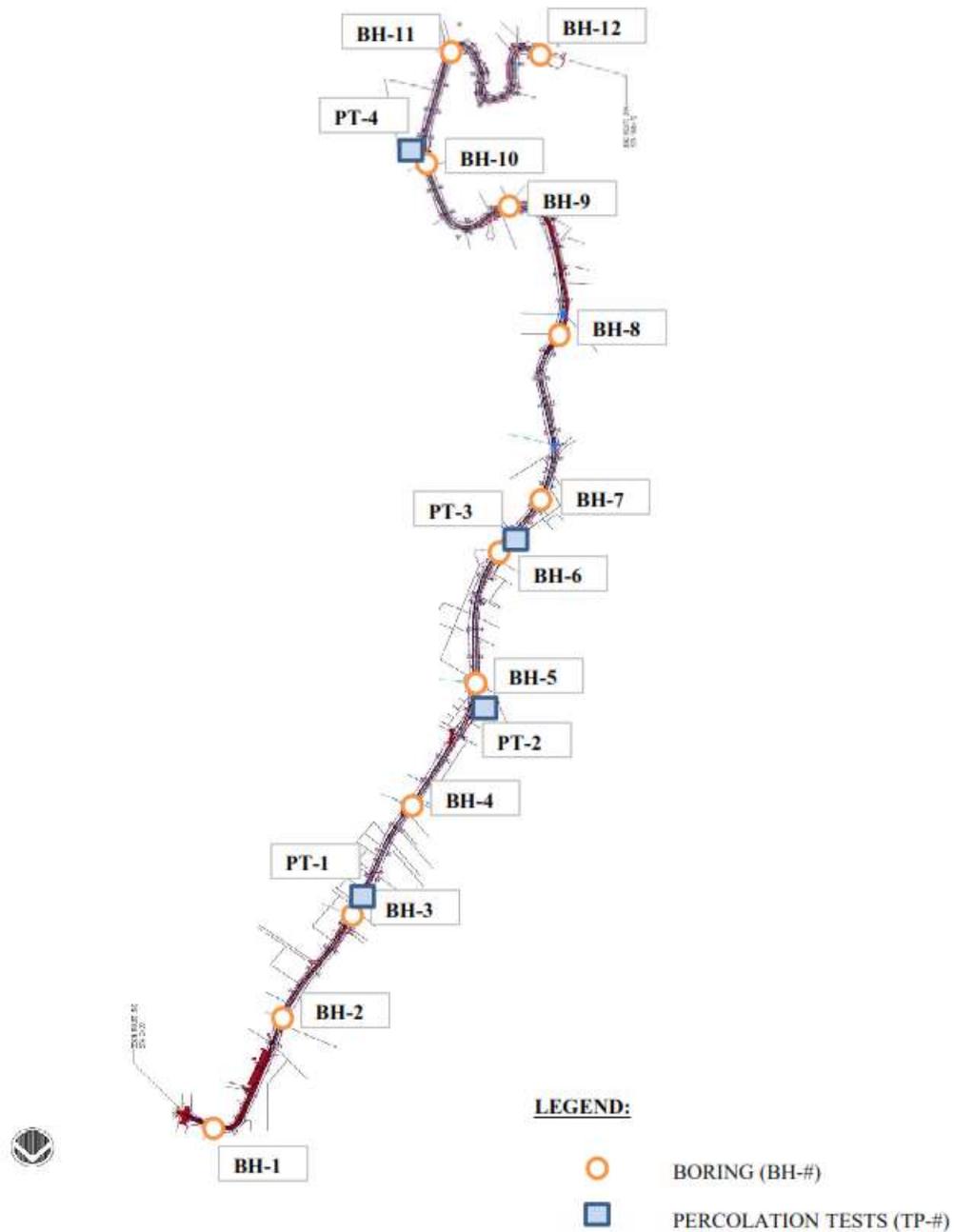


**ROUTE 310 (TAPOCHAU ROAD) IMPROVEMENTS,  
SAIPAN Project No. TQ-THS-0310 (301)**

# **APPENDIX A**

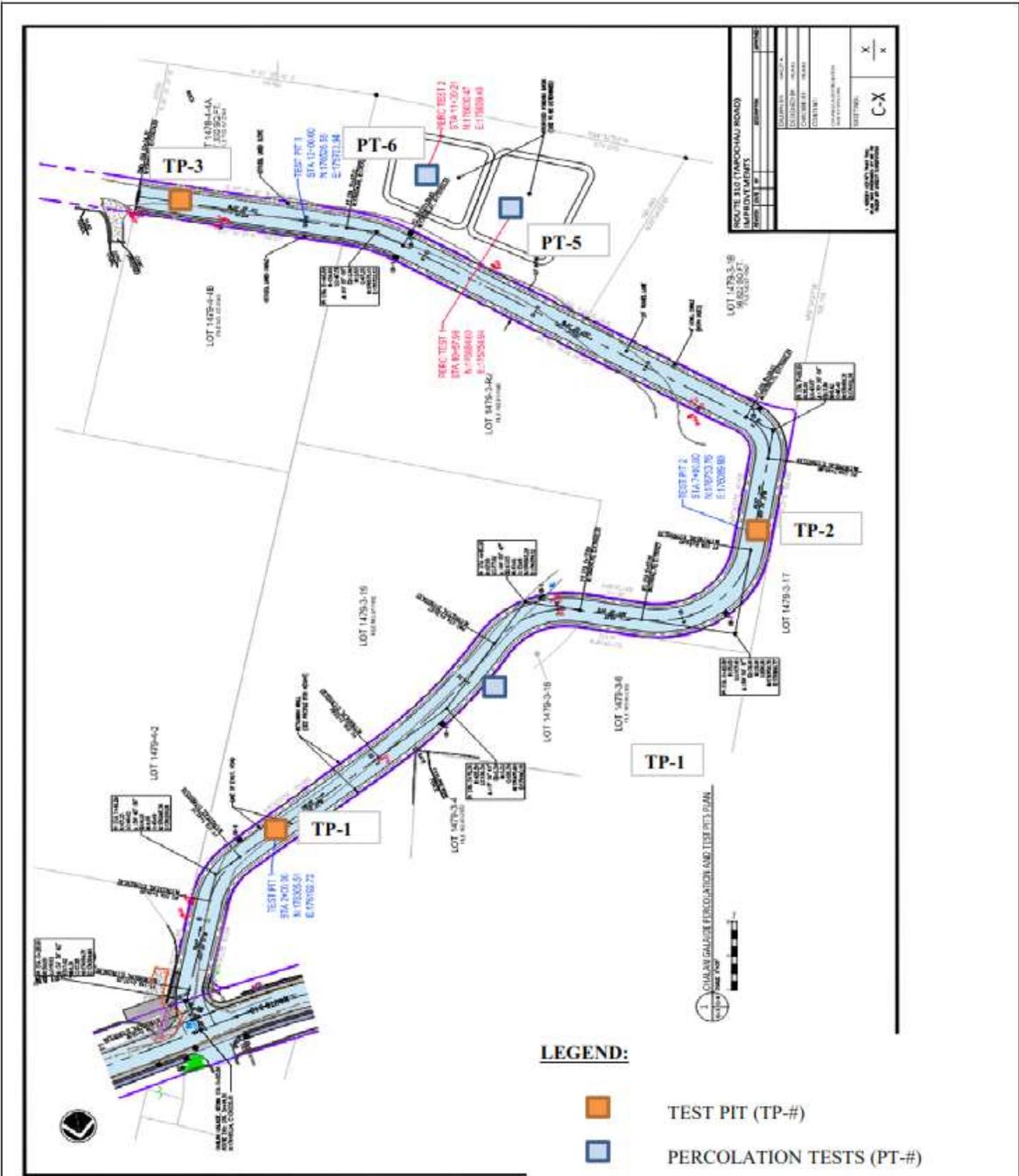
## **FIELD EXPLORATION BORING LOGS**



Source: PEGS, LLC Boring Plan 2021

**EXPLORATION LOCATION MAP**  
 DPW ROUTE 310 & CHALAN GALAIDE ROADWAY IMPROVEMENTS  
 MT. TAPOCHAU, SAIPAN, CNMI

**MGS**  
 MANAGAN GEOTECH SERVICES  
 FIGURE 1A



Source: PEGS, LLC Chalan Galaide Percolation and Test Pit Plan 2022

**EXPLORATION LOCATION MAP**  
 DPW ROUTE 310 & CHALAN GALAIDE ROADWAY IMPROVEMENTS  
 MT. TAPOCHAU, SAIPAN, CNMI



### SOIL CLASSIFICATION CHART

Major Divisions		Symbol	Typical Names	Other Criteria
<b>COARSE GRAINED SOILS</b> More than 50% of material larger than No. 200 sieve size	<b>Gravels</b> More than 50% of coarse fraction retained on No. 4 sieve	<b>Clean Gravel</b> Little or no fines (<5%)	GW Well-graded gravels, gravel-sand mixtures, little or no fines	Cu>4 and 1<=Cc<=3
			GP Poorly graded gravels, gravel-sand mixtures, little or no fines	Not meeting Cu and Cc criteria for GW
		<b>Gravels with Fines</b> Appreciable amount of fines (>12%)	GM Silty gravels, gravel-sand-silt mixtures	Atterberg limit below A-line or PI<4
			GC Clayey gravels, gravel-sand-silt mixtures	Atterberg limit above A-line with PI>7
	<b>Sands</b> More than 50% of coarse fraction passing No. 4 sieve	<b>Clean Gravel</b> Little or no fines (<5%)	SW Well-graded sands, gravelly sands, little or no fines	Cu>6 and 1<=Cc<=3
			SP Poorly graded sands, gravelly sands, little or no fines	Not meeting Cu and Cc criteria for SW
		<b>Gravels with Fines</b> Appreciable amount of fines (>12%)	SM Silty sands, sand-silt mixture	Atterberg limit below A-line or PI<4
			SC Clayey sands, sandy-clay mixture	Atterberg limit above A-line with PI>7
<b>FINE GRAINED SOILS</b> More than 50% of material smaller than No. 200 sieve size	<b>Silts and Clays</b> Liquid limit less than 50%	ML Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity	Atterberg limit below A-line	
		CL Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clay	Atterberg limit above A-line	
		OL Organic silts and organic silty clays flow plasticity	Atterberg limit below A-line	
	<b>Silts and Clays</b> Liquid limit larger than 50%	MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	Atterberg limit below A-line	
		CH Inorganic clays of high plasticity, fat clays	Atterberg limit above A-line	
		OH Organic clays of high plasticity, organic silts	Atterberg limit below A-line	
<b>HIGHLY ORGANIC SOILS</b>		Pt	Peat and other highly organic soils	

Notes: 1.  $C_u = D_{60}/D_{10}$ ,  $C_c = (D_{30})^2 / (D_{60} \times D_{10})$  where  $D_{60}$ ,  $D_{30}$  and  $D_{10}$  are diameters associated with 60%, 30% and 10% smaller in gradation curves.  
 2. Dual symbols are used to indicate borderline classification such as GM-SM.

#### LOG LEGEND

	Bulk/Grab/Hand Auger Sample
	2-inch Split Spoon
SA	Sieve Analysis
-#200	Percent Passing No. 200 Sieve
Proctor	Laboratory Compaction of Soils
CBR	California Bearing Ratio

**SOIL CLASSIFICATION CHART AND LOG LEGEND**  
 DPW ROUTE 310 & CHALAN GALAIDE ROADWAY IMPROVEMENTS  
 MT. TAPOCHAU, SAIPAN, CNMI

**MGS**  
 MARIANAS GEOTECH SERVICES  
 FIGURE 2

# LOG OF BORING BH-1

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					2.5-INCH ASPHALT CONCRETE PAVEMENT					
3	1		35		WHITE SANDY GRAVEL (GM), DENSE, MOIST  BECOMES LIGHT BROWN	9.4	96.5			
6										
9	2		12		BECOMES MEDIUM DENSE  BECOMES LIGHT BROWN TO WHITE	8.7				
12					LIGHT BROWN CORALLINE LIMESTONE, WEAK					
15	3		30/3"		BECOMES MODERATELY HARD TO HARD	7.6				
18										
21					BORING BH-1 COMPLETED AT 14.25 FEET BGS ON 3/10/21.					

(NO FREE WATER ENCOUNTERED)

FIGURE 5

# LOG OF BORING BH-2

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0	1		35		WHITE SILTY SANDY GRAVEL (GM), MEDIUM DENSE, DRY TO MOIST BECOMES DARK BROWN, DENSE	2.9				
3					LIGHT BROWN TO WHITE SILTY SAND WITH GRAVEL (SM), DENSE, DRY TO MOIST					
6	2		34			8.8				
9	BH-2 COMPLETED AT 8 FEET BGS ON 3/10/21.									
12										
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 6

# LOG OF BORING BH-3

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/11/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					WHITE SANDY GRAVEL (GM), LOOSE, DRY					
1	1				WHITE CORALLINE LIMESTONE, MODERATELY HARD					SAMPLER BENDING/ REFUSAL
3					BORING BH-3 COMPLETED AT 3.5 FEET BGS ON 3/11/21.					
6										
9										
12										
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 7

# LOG OF BORING BH-4

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					WHITE SANDY GRAVEL (GM), MEDIUM DENSE, MOIST					
3	1		15/1"		WHITE CORALLINE LIMESTONE, MODERATELY HARD TO HARD					REFUSAL
6										
9	2		20/2"							REFUSAL
12										
15										
18										
21					BORING BH-4 COMPLETED AT 8.5 FEET BGS ON 3/10/ 21.					

(NO FREE WATER ENCOUNTERED)

FIGURE 8

# LOG OF BORING BH-5

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					LIGHT BROWN TO WHITE SANDY GRAVEL (GM), MEDIUM DENSE, DRY TO MOIST					ENCOUNTERED ABANDONED 4-INCH LINE AT 16-INCH BGS
					GRAYISH BROWN SAND (SP), MEDIUM DENSE, MOIST					
3	1		55/10"		ORANGISH YELLOWISH WHITE CORALLINE LIMESTONE, WEAK TO HARD  BECOMES HARD	10.1	94.8			
6										
9										
12					BH-5 COMPLETED AT 10 FEET BGS ON 3/10/21.					
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 9

# LOG OF BORING BH-6

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					LIGHT TO DARK BROWN SANDY GRAVEL (GM), MEDIUM DENSE, DRY TO MOIST					
3	1		15		DARK BROWN SANDY SILT WITH GRAVEL (MH), MEDIUM STIFF, MOIST BECOMES STIFF	51.7	56.3	61	18	#200=90.3% PROCTOR, CBR
9	2		13		SOME GRAVEL	56.2				
19.5	BORING BH-6 COMPLETED AT 19.5 FEET BGS ON 3/10/21.									

(NO FREE WATER ENCOUNTERED)

FIGURE 10

# LOG OF BORING BH-7

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/11/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					LIGHT BROWN SANDY GRAVEL (GM), LOOSE, DRY					
					DARK BROWN CLAYEY SILT (MH), MEDIUM STIFF, MOIST					
1	1				PINKISH WHITE CORALLINE LIMESTONE, MODERATELY HARD	1.1	134.8			SAMPLER BENDING/ REFUSAL
3										
6										
2	2		10/0"		BH-7 COMPLETED AT 7 FEET BGS ON 3/11/21.					REFUSAL
9										
12										
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 11

# LOG OF BORING BH-8

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					YELLOWISH LIGHT BROWN SILTY SAND WITH GRAVEL (SM), MEDIUM DENSE, DRY TO MOIST					
3	1		37/6"		BECOMES LIGHT BROWN  BECOMES VERY DENSE	8.5				REFUSAL
6					DARK BROWN SANDY CLAYEY SILT (MH), STIFF, MOIST					
9	2		27		BECOMES VERY STIFF	45.3				
10					PINKISH WHITE CORALLINE LIMESTONE, WEAK	5.7	91.0			
					BORING BH-8 COMPLETED AT 10 FEET BGS ON 3/10/21.					
12										
15										
18										
21										

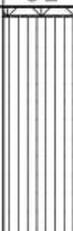
(NO FREE WATER ENCOUNTERED)

FIGURE 12

# LOG OF BORING BH-9

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					VEGETATION WITH TOP SOIL					
3	1		9		REDDISH BROWN SILT (ML), STIFF, MOIST	46.5	71.5	49	6	
6										
9	2		40/5"		LIGHT BROWN TO WHITE CORALLINE LIMESTONE, MODERATELY HARD	9.1				REFUSAL
9					BORING BH-9 COMPLETED AT 8.5 FEET BGS ON 3/10/21.					
12										
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 13

# LOG OF BORING BH-10

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					LIGHT BROWN SANDY GRAVEL (GM), MEDIUM DENSE, DRY TO MOIST					
3	1		13		REDDISH BROWN SILT (ML), STIFF, MOIST	36.5		48	11	
9	2		2		BECOMES VERY SOFT					POSSIBLE VOID AT 9.5' TO 10.5'
10.5					BORING BH-10 COMPLETED AT 10.5 FEET BGS ON 3/10/21.					

(NO FREE WATER ENCOUNTERED)

FIGURE 14

# LOG OF BORING BH-11

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/10/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					LIGHT BROWN SANDY GRAVEL (GM), MEDIUM DENSE, DRY TO MOIST					
3	1				DARK BROWN CLAYEY SILT (MH), STIFF, MOIST POSSIBLE COBBLE					SAMPLER BENDING
6					SOME GRAVEL					
9	2				POSSIBLE COBBLE					SAMPLER BENDING
12					BORING BH-11 COMPLETED AT 9.5 FEET BGS ON 3/10/21.					
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 15

# LOG OF BORING BH-12

PROJECT: DPW ROUTE 310 ROADWAY IMPROVEMENTS  
 CLIENT: PEGS, LLC  
 LOCATION: MT. TAPOCHAU, SAIPAN, MP  
 DRILLER: MGS, LLC  
 DRILL EQUIP: DIEDRICH D-25D  
 GROUNDWATER LEVEL / DATE: -

PROJECT NO.: 20-015  
 DATE: 3/11/21  
 ELEVATION: -  
 LOGGED BY: MGS, LLC  
 HAMMER TYPE / WEIGHT / DROP: AUTO / 140 LB / 30 IN.  
 DRILLING METHOD: 4.5 IN. SSA

DEPTH	SAMPLE NO.	SAMPLE TYPE	SAMPLING RESISTANCE	GRAPHIC LOG	DESCRIPTION	WATER CONTENT, %	DRY UNIT WEIGHT, pcf	LIQUID LIMIT	PLASTICITY INDEX	OTHER TESTS AND REMARKS
0					VEGETATION WITH SANDY TOP SOIL					
					BLACK SANDY SILT WITH GRAVEL (ML), MEDIUM DENSE, MOIST					
					GRAYISH BROWN SANDY GRAVEL (GM), MEDIUM DENSE, MOIST					
3										
	1		5/0"		WHITE CORALLINE LIMESTONE, HARD					REFUSAL
6					BORING BH-12 COMPLETED AT 5.5 FEET ON 3/11/21.					
9										
12										
15										
18										
21										

(NO FREE WATER ENCOUNTERED)

FIGURE 16

**LOG OF TEST PIT TP-1**

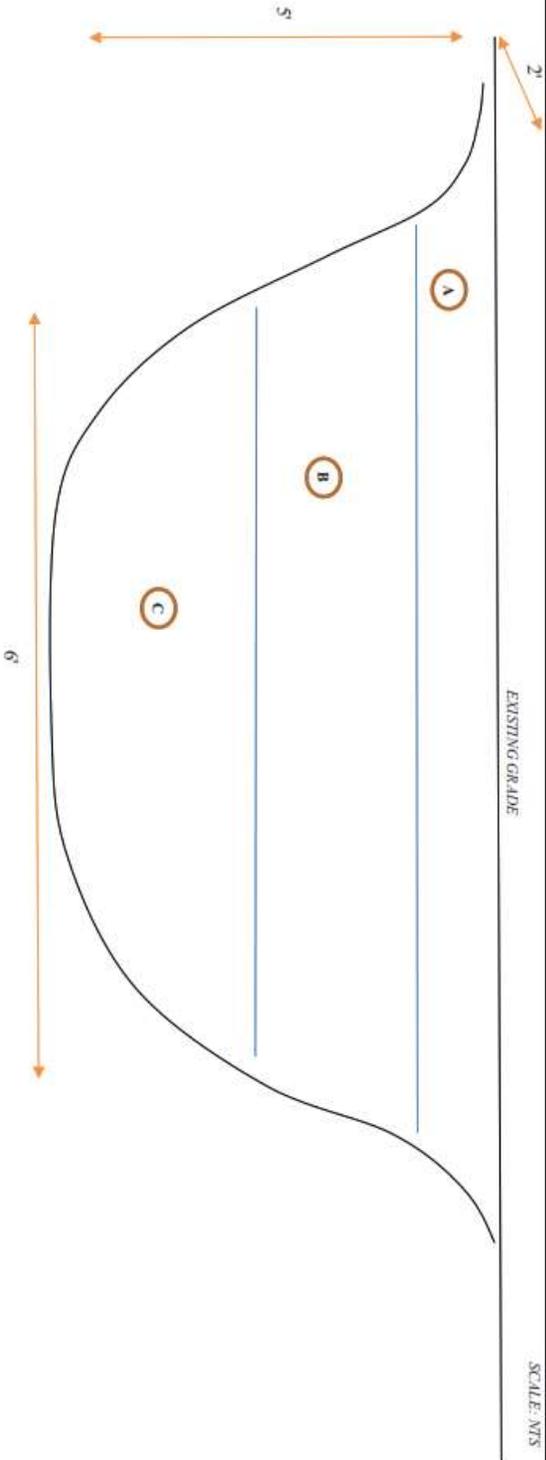
PROJECT:	ROUTE 310 & CHALAN GALAIDE RDWY IN PROJECT NO.:	20-015
CLIENT:	PEGS	DATE:
LOCATION:	CHALAN GALAIDE, SAIPAN	ELEVATION:
CONTRACTOR:	USAF	LOGGED BY:
EQUIPMENT:	JD 410G BACKHOE	GROUNDAWATER LEVEL:
		NO FREE WATER ENCOUNTERED

**DESCRIPTION**

**SAMPLE NO.**

**OTHER TESTS AND REMARKS**

- A** 0 - 6" PINKISH WHITE SANDY GRAVEL (FILL), MEDIUM DENSE, MOIS
  - B** 6" - 3' BROWN SANDY CLAYEY SILTY GRAVEL (GP-GM), MEDIUM DENSE, MOIST
  - C** 3' - 5' PINKISH WHITE TO LIGHT BROWN SANDY GRAVEL CORALLINE LIMESTONE, MODERATELY HARD TO HARD
- MC=12.3%, #200= 5.3%, SA Refusal

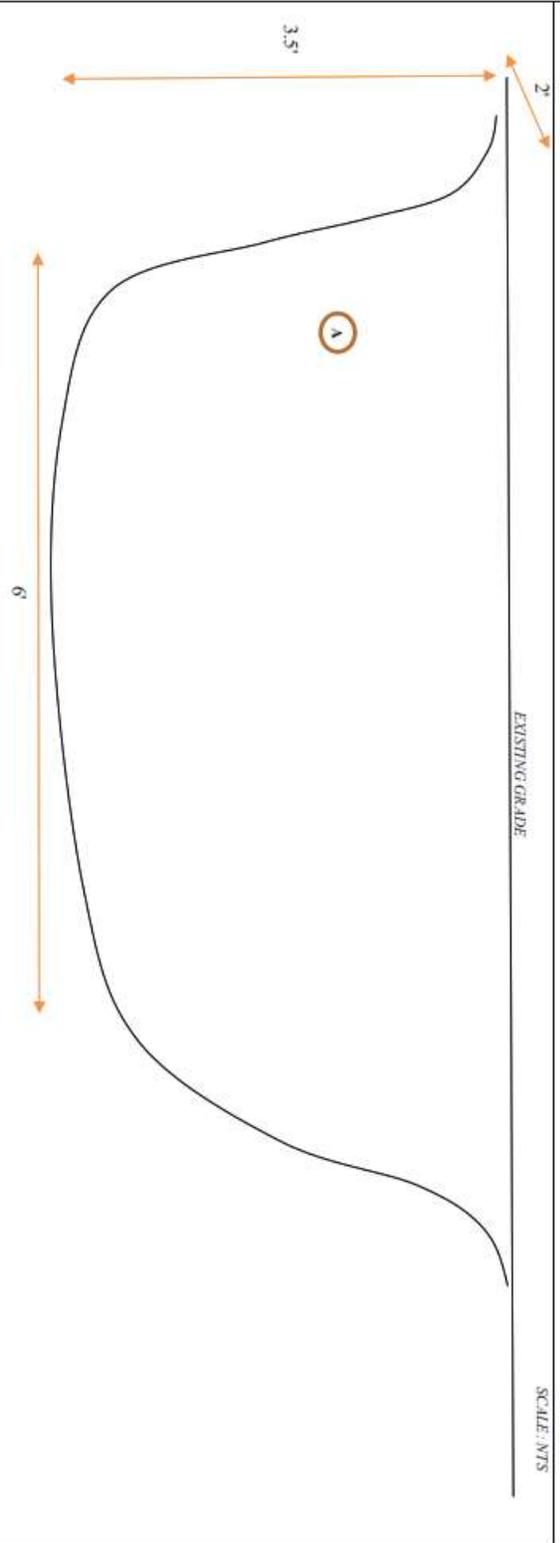


**LOG OF TEST PIT TP-1**  
 DPW ROUTE 310 & CHALAN GALAIDE ROADWAY IMPROVEMENTS  
 MT. TAPOCHAU, SAIPAN, CNMI

**LOG OF TEST PIT TP-2**

PROJECT: ROUTE 310 & CHALAN GALAIDE RDWY IN PROJECT NO.: 20-015  
CLIENT: CHALAN GALAIDE, SAIPAN DATE: 8/8/2022  
LOCATION: CHALAN GALAIDE, SAIPAN ELEVATION: MGS, LLC  
CONTRACTOR: USAF LOGGED BY: NO FREE WATER ENCOUNTERED  
EQUIPMENT: JD 410G BACKHOE GROUNDWATER LEVEL:

**DESCRIPTION** 0 - 3.5' WHITE TO LIGHT BROWN SANDY GRAVEL CORALLINE **SAMPLE NO.** 1 **OTHER TESTS AND REMARKS** MC = 5.4%, #200 = 7.2%, S.A. Refusal  
LIMESTONE, MODERATELY HARD



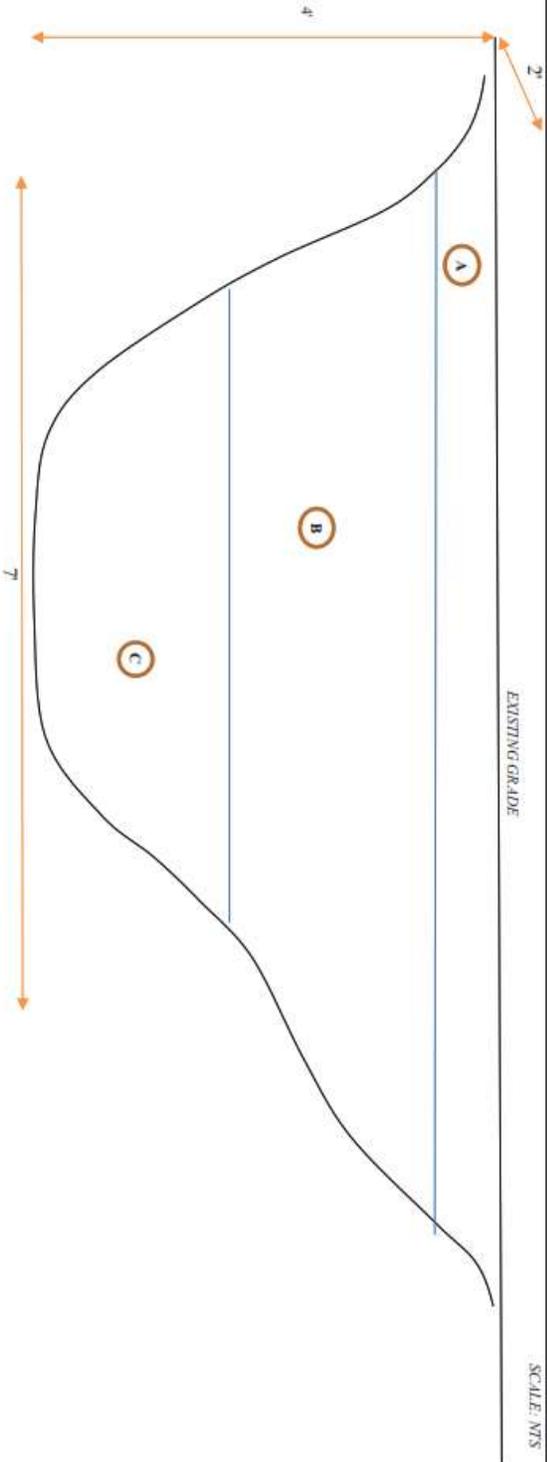
**LOG OF TEST PIT TP-2**  
DPW ROUTE 310 & CHALAN GALAIDE ROADWAY IMPROVEMENTS  
MT. TAPOCHAU, SAIPAN, CNMI



**LOG OF TEST PIT TP-3**

PROJECT:	ROUTE 310 & CHALAN GALAIDE RDWY IN PROJECT NO.:	20415	
CLIENT:	PEGS	DATE:	8/8/2022
LOCATION:	CHALAN GALAIDE, SAIPAN	ELEVATION:	-
CONTRACTOR:	USAF	LOGGED BY:	MGS, LLC
EQUIPMENT:	JD 410G BACKHOE	GROUNDWATER LEVEL:	NO FREE WATER ENCOUNTERED

DESCRIPTION	SAMPLE NO.	OTHER TESTS AND REMARKS
<p><b>A</b> 0 - 5" LIGHT BROWN SANDY GRAVEL (GW-FILL), MEDIUM DENSE, MOIST</p>	1	
<p><b>B</b> 5" - 3' DARK BROWN SANDY SILT WITH GRAVEL (ML), MEDIUM STIFF, MOIST</p>		MC=14.9%, PI=7
<p><b>C</b> 3' - 4' LIGHT BROWN TO BROWN SANDY GRAVEL, CORALLINE LIMESTONE, MODERATELY HARD TO HARD</p>		Refusal



**LOG OF TEST PIT TP-3**  
 DPW ROUTE 310 & CHALAN GALAIDE ROADWAY IMPROVEMENTS  
 MT. TAPOCHAU, SAIPAN, CNMI