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	Document Title: Site Condition	02
		00
		Date:
		Page 1 of 5



SITE CONDITION



02	07/30/2024	ISSUED FOR FINAL				
01	07/27/2024	ISSUED FOR REVIEW				
00	04/09/2023	ISSUED FOR INFORMATION				
Rev.	Date	Description	Prepared	Checked	Approved	Authorized

Contract No:	Document Number: 12002-D-PR-DOC-303-GNL-001	Rev
Class: FA	Library Code: 303-E03-0000-00-PR-DOC-001-2	Client
	Document Title: Site Condition	02
		00
		Date:
		Page 2 of 5

Tabulation of Revised Page

Sheet	Revisions						Sheet	Revisions						
	00	01	02	03	04	05		00	01	02	03	04	05	
1	X						31							
2	X						32							
3	X						33							
4	X						34							
5	X						35							
6	X						36							
7							37							
8							38							
9							39							
10							40							
11							41							
12							42							
13							43							
14							44							
15							45							
16							46							
17							47							
18							48							
19							49							
20							50							
21							51							
22							52							
23							53							
24							54							
25							55							
26							56							
27							57							
28							58							
29							59							
30							60							

Contract No:	Document Number: 12002-D-PR-DOC-303-GNL-001	Rev		Date:
Class: FA	Library Code: 303-E03-0000-00-PR-DOC-001-2	Client	Vendor	Page 3 of 5
	Document Title: Site Condition	02	00	

TABLE OF CONTENTS

1. INTRODUCTION.....4

2. General Site Condition4

2.1. Site Location: 4

2.2. Temperature..... 4

2.3. Relative Humidity: 4

2.4. Wind Condition: 4

2.5. Rainfall:..... 5

2.6. Snowfall: 5

3. Site Description5

3.1. Lithology: 5

3.2. Seismicity:..... *Error! Bookmark not defined.*

Contract No:	Document Number: 12002-D-PR-DOC-303-GNL-001	Rev	Date:
Class: FA	Library Code: 303-E03-0000-00-PR-DOC-001-2	Client	Vendor
	Document Title: Site Condition	02	00
			Page 4 of 5

1. INTRODUCTION

2. General Site Condition

2.1. Site Location:

- Elevation: about 2500 meters above sea level.
- Barometric Pressure: 564 mm Hg

2.2. Temperature

- Max. (Summer): 35 C
- Design Max (indoor and outdoor) 40 C
- Min. (Winter): -25 C
- Design Min.(outdoor) -25 C

2.3. Relative Humidity:

- Humidity: 30 % @ 33°C
- Max.: 70 %
- Min.: 23 %

* For specific indoor area (above open sumps and flotation cells and above thickeners) due to special condition (water evaporation and water spraying) relative humidity shall be considered 100 %.

2.4. Wind Condition:

- Max. Wind Velocity already recorded: 130 Km/h
- Prevailing Wind Direction:
- Winter: Between South and South West
- Summer: Between North and North East
- Stormy days per annum: 10

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	Document Title: Site Condition	02	00
			Page 5 of 5

2.5. Rainfall:

- Average: 500 mm/a
- Design: 500 mm/a
- Rainfall Intensity: 76 mm/h

2.6. Snowfall:

- Average: 100 mm/a (as water)
- Design Intensity: 150 mm/a (as water)
- Frost Line: 1200 mm below grade

3. Site Description

3.1. Lithology:

The Site lithology consists of colluviums or slope wash overlying a deep volcanic weathering profile.

The Site lithology is summarized in below table:

Row	Description	Top of Unit (m)	Approx. thickness(m)
1	Colluvium/ Slope wash	Surface	1-3
2	Residual Solids	3	5-10
3	Volcanic Rocks	10	>10