

REPUBLIC OF THE PHILIPPINES  
PHILIPPINE PORTS AUTHORITY  
THE STUDY ON THE DEVELOPMENT PROJECT  
OF  
THE PORT OF IRENE  
NATURAL CONDITIONS SURVEY REPORT

MARCH, 1982

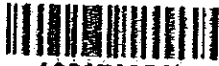
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**Republic of The Philippines**

**Philippine Ports Authority**

**The Study on the Development Project**

**of**

**The Port of Irene**

**Natural Conditions Survey Report**

**1982**

**Japan International Cooperation Agency**



## Scope of Work

The contents of the investigation are given below.

- 1) Test boring and laboratory tests : 5 points
- 2) Bottom sampling : 5 spots
- 3) Wave observation
- 4) Tide observation
- 5) Tidal current observation
- 6) Weather





The periods of each investigation items were as follows;

1) Test boring

BH-1 : May 25 - 27, '81

BH-2 : June 2 - 5, '81

BH-3 : June 7 - 12, '81

BH-4 : June 14 - 17, '81

BH-5 : June 18 - 20, '81

2) Bottom sampling

5 spots : June 2, '81

3) Wave observation

May 24 - June 22, '81

4) Tide observation

May 18 - June 17, '81

5) Tidal Current observation

5-1 Float method : May 18 - June 16, '81

5-2 Current meter : May 18 - June 16, '81

6) Weather

May 18 - June 17, '81



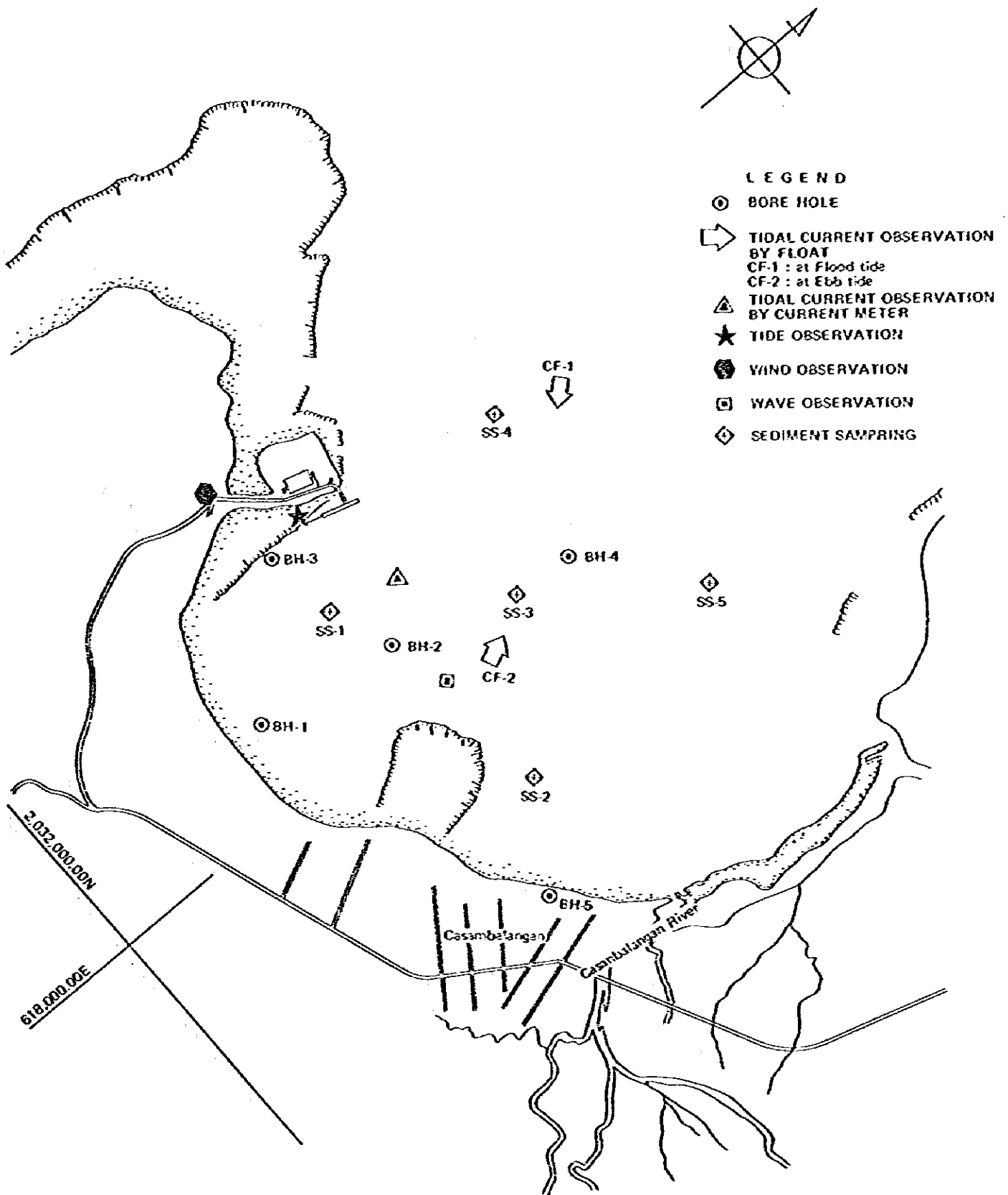
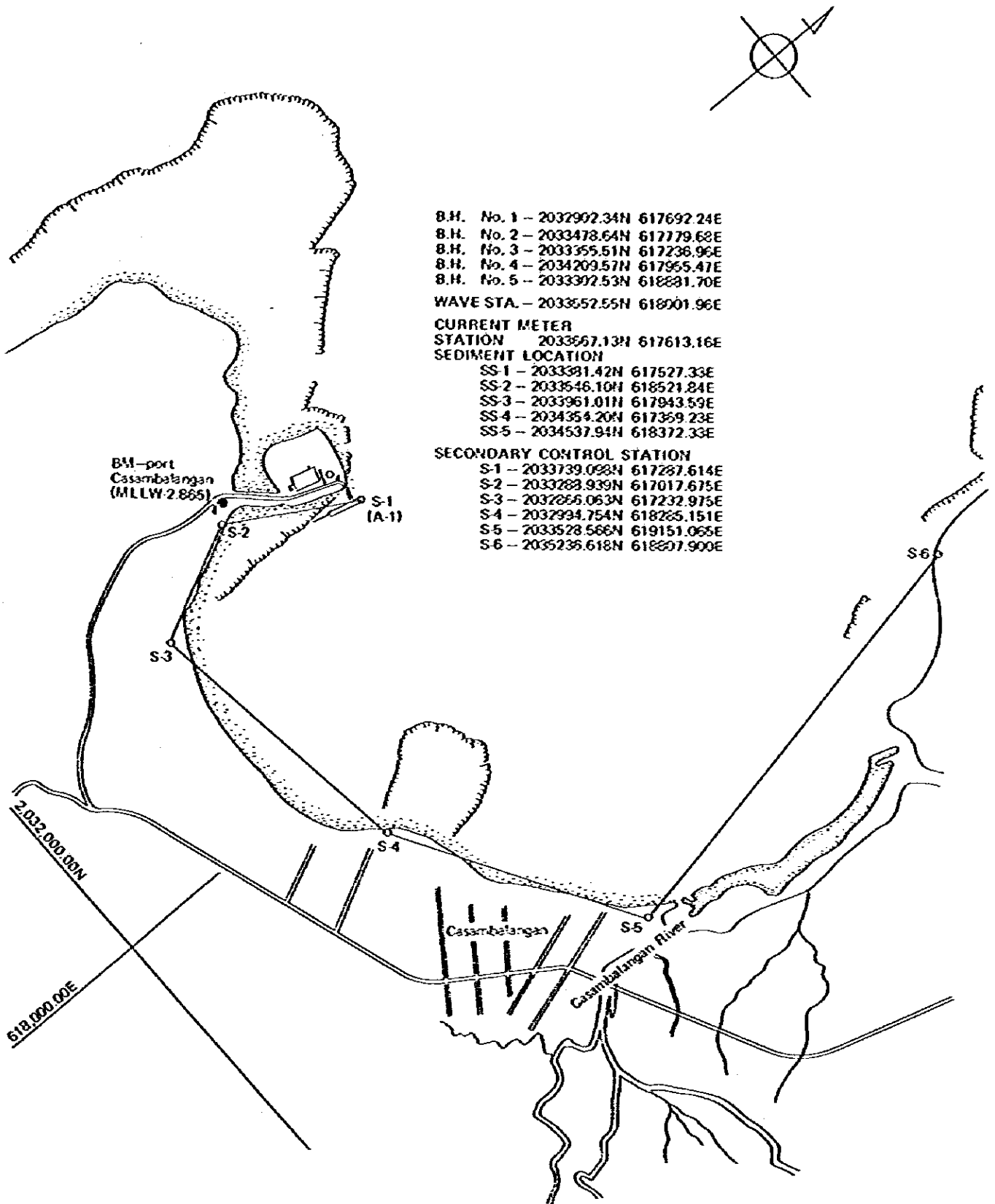


Fig. 2 Location Map of Site for Investigation





**Fig. 3** Coordination of Secondary control points and Investigation sites



**1. TEST BORING**

**1-1 SOIL PROFILE**

**1-2 RESULTS OF SOIL TEST**





**1-1 SOIL PROFILE**





1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial reporting and compliance with regulatory requirements. The text notes that incomplete or inconsistent records can lead to misunderstandings, disputes, and potential legal consequences.

2. The second section focuses on the role of technology in streamlining record-keeping processes. It highlights how digital tools and software solutions can significantly reduce the risk of human error and improve the efficiency of data collection and storage. The document suggests that organizations should invest in reliable technology and ensure that their systems are regularly updated and secure.

3. The third part of the document addresses the challenges of data security and privacy. It stresses that as organizations collect and store more data, they must also take robust measures to protect this information from unauthorized access, theft, and loss. This includes implementing strong encryption protocols, access controls, and regular security audits. Additionally, organizations must be transparent about their data handling practices and comply with relevant data protection regulations.

4. The final section discusses the importance of training and education for staff involved in record-keeping. It notes that even the most advanced technology is only as good as the people using it. Therefore, providing comprehensive training and ongoing education is crucial to ensure that all employees understand their responsibilities and are equipped with the necessary skills to maintain accurate and secure records.

# SOIL PROFILE

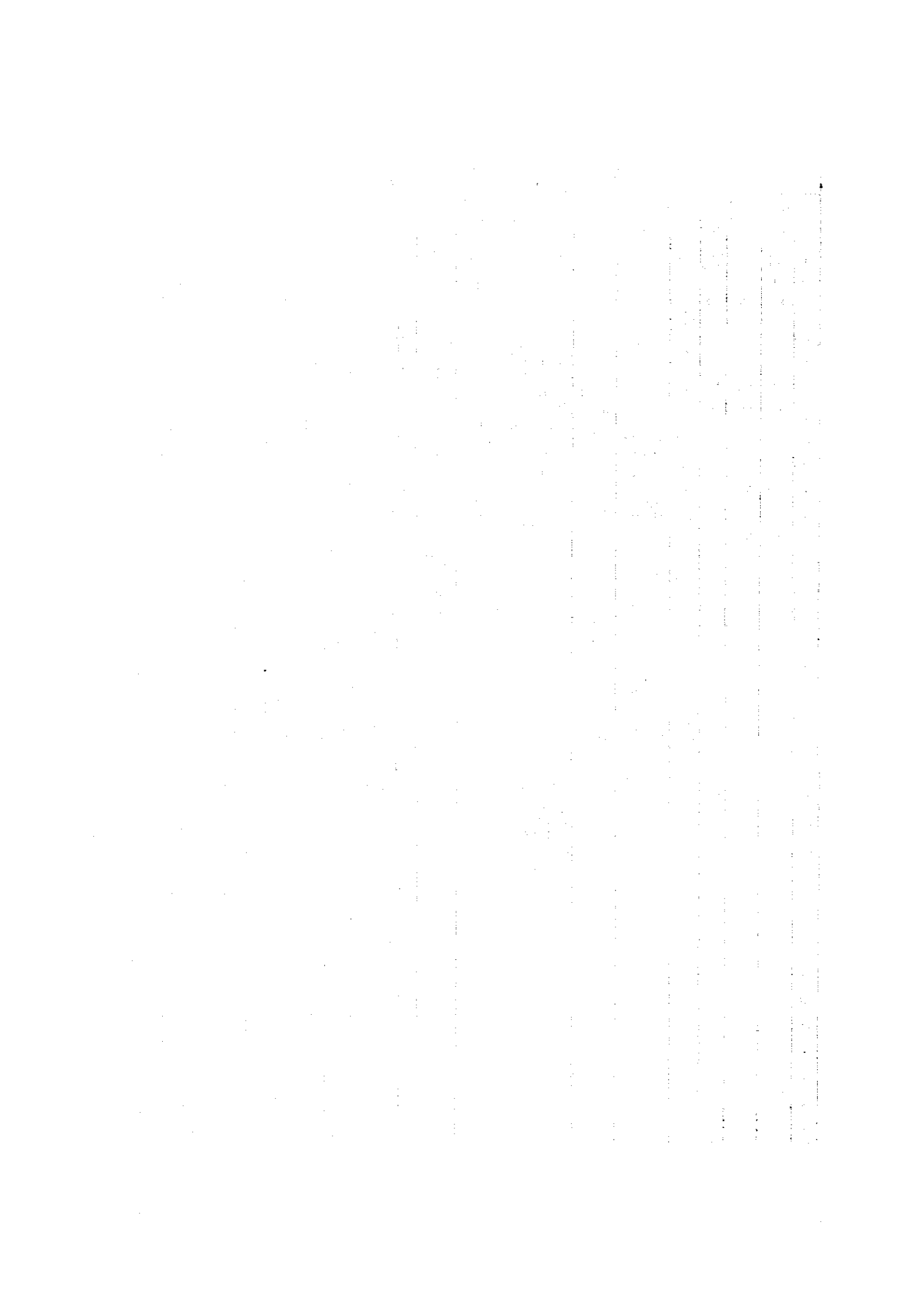
PROJECT: PORT IRENE  
BORING NO. BH-2

ELEVATION MLW - 8.27m.  
WATER LEVEL:

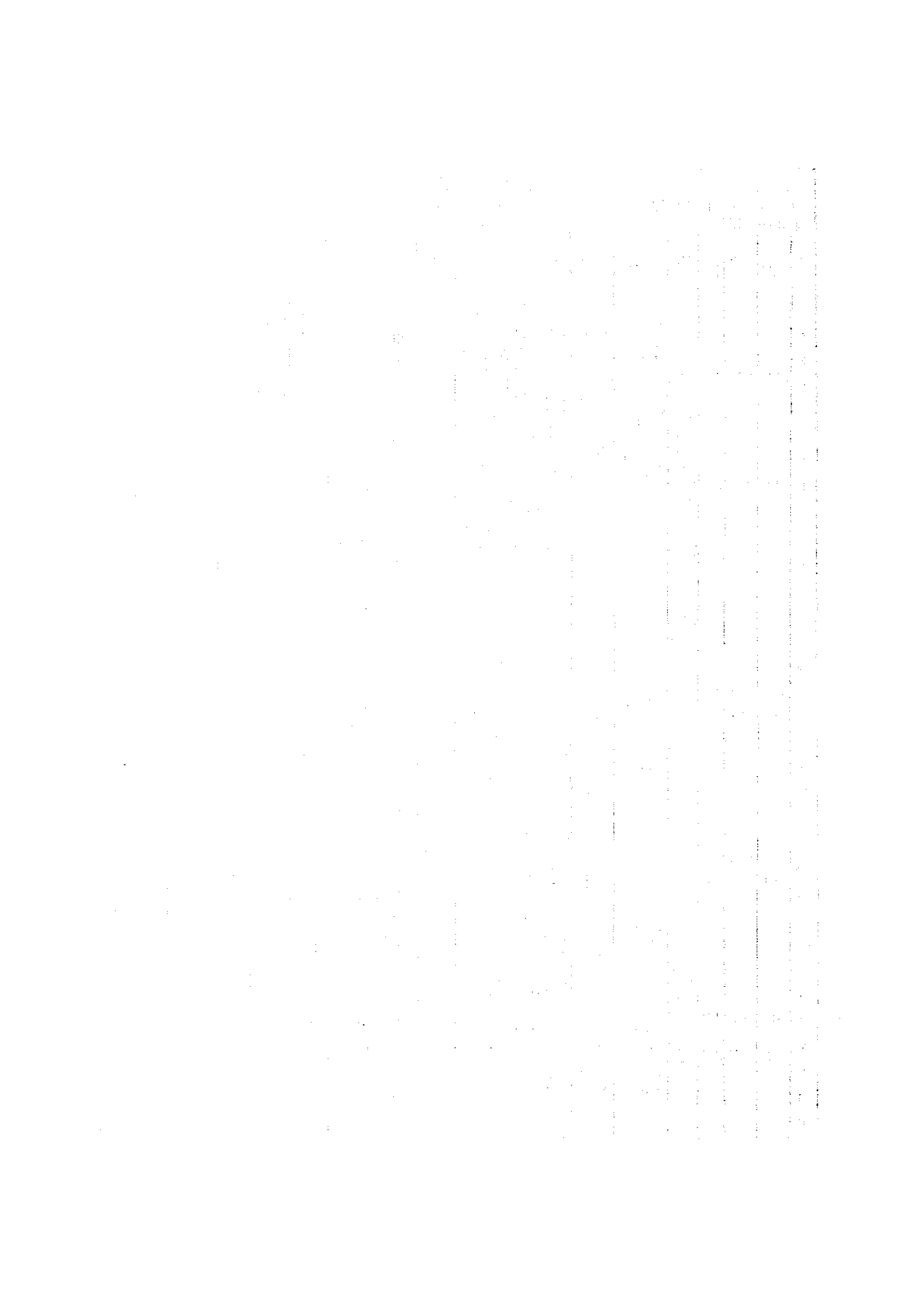
DATE: JUNE 2 TO 5, 1981  
DRILLER: R. MAYLAS

SCALE	ELEVATION M	DEPTH M	THICKNESS M	SOIL CLASSIFICATION	COLOR	IN-PLACE OBSERVATION	DENSITY & CONSISTENCY	STANDARD PENETRATION TEST (BLOW TESTS)					SAMPLING		
								NO	DEPTH M	N	CM	CM	CM	CM	NO
1	-9.02	0.75	0.75	SILTY FINE SAND		SILTY FINE SAND	VERY LOOSE	1	0.0	13	4	4	5		
2				FINE SAND	GRAY	SILTY FINE SAND WITH DISINTEGRATED MARINE SHELLS AND CORALS	LOOSE	2	1.00	3	1	1	1		
3								3	2.00	8	2	3	3	DS 1	2.00
4	-12.37	4.10	3.75	FINE SAND	OLIVE GRAY	FINE SAND W/ TRACES OF SHELLS & CLAY	VERY LOOSE	4	3.45	2	7	6	6		2.45
5	-13.27	5.00	0.90					5	4.00	7	1	1	5		
6				CLAYEY FINE SAND	GRAY	CLAYEY FINE SAND WITH LITTLE AMOUNT OF SILT	VERY LOOSE	6	5.45	4	1	1	2	DS 2	5.00
7								7	6.00	9	3	3	3		5.45
8	-18.32	8.05	3.55	FINE SANDY CLAY	DARK GRAY	FINE SANDY CLAY W/ LITTLE AMOUNT OF SILT	VERY SOFT	8	7.00	9	4	3	2		
9								9	8.00	3	1	1	1		
10	-18.9	9.92	1.85					10	9.45	3	1	1	1	DS 3	3.00
11				SILTY CLAY	GRAY	SILTY CLAY WITH TRACES OF FINE SAND	VERY SOFT	11	10.00						3.45
12								12	11.70	5	1	2	2	UDS 1	2.00
13								13	13.00	2	7	6	6		2.80
14								14	14.45	3	1	1	1		
15								15	15.00	3	1	1	1	UDS 2	5.00
16								16	16.45	2	7	7	7		5.75
17	-25.27	12.00	1.10					17	17.00						
18	-26.27	18.00	1.00	CORALS	BRUSH WHITE	CORAL W LITTLE CLAY and SHELL	VERY DENSE	18	18.00	58	7	3	28		
19				SANDSTONE	DARK BLUSH GRAY	TUFFACIOUS, FINE GRAINED SANDSTONE	ROCK STRATA	19	18.01						
20	-28.27	20.00	2.00					20	19.00						
21						END OF BORING AT 20.00 M			20.00						
22						SOLID ROCK FORMATION (ELEVATION: -28.27m)									
23															
24															
25															
26															
27															
28															
29															
30															
31															
32															
33															

NOTE: 100% CORE RECOVERY

















**1-2 RESULTS OF SOIL TEST**



# Results of Soil Test

Site of Investigate **PORT IRENE** **BH-1** Recorder **N. PRADO**

Sample		No. BH-1	DS 1	DS 2	DS 3	DS 4	DS 5	DS 6
Depth		METER	3.00	5.00	8.00	12.00	16.00	20.00
		m	3.45	5.45	8.45	12.45	16.45	20.45
Grain size analysis	Gravel	(> 2000 $\mu$ ) %	6.5	7.6	1.9	0.7	15.8	11.6
	Sand	(74-2000 $\mu$ ) %	75.6	82.5	58.6	32.4	15.3	21.0
	Silt	(5 ~ 74 $\mu$ ) %	17.9	9.9	39.5	61.9	63.9	67.4
	Clay	(< 5 $\mu$ ) %	0	0	0	2.0	5.0	0
Consistency	Max. diameter	mm	19.1	9.52	19.1	9.52	25.4	9.52
	Coefficient of uniformity	Uc		1.6		2.5	4.7	
	Coefficient of curvature	Uc		0.841		1.27	1.12	
Consistency	Liquid limit	W <sub>L</sub> %				40.9	53.6	
	Plastic limit	W <sub>p</sub> %				33.0	37.9	
	Plasticity index	I <sub>p</sub>				7.9	15.7	
Classification	Triaxial classification chart		Very fine sand	Very fine sand	Very fine sand	Silty very fine sand	Silty very fine sand	Very fine sandy silt
	Plasticity chart		SM	SP	SP	ML	MH	SM
Specific gravity of soil particles G <sub>s</sub>			2.63	2.56	2.57	2.45	2.45	2.56
Natural state	Water content	W %	28.5	27.4	36.2	45.5	40.4	41.0
	Wet unit weight	$\gamma$ g/cm <sup>3</sup>		1.91	1.97	1.71	1.75	1.75
	Void ratio	e		0.66	0.85	0.98	0.92	1.03
	Degree of saturation	S <sub>r</sub> %						
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength	Q <sub>u</sub> kg/cm <sup>2</sup>					
		Secant modulus	E <sub>50</sub> kg/cm <sup>2</sup>					
		Sensitivity ratio	S <sub>t</sub>					
	Single shear test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
	Triaxial compression test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
Angle of shearing resistance		$\phi$ °						
Consolidation test	Consolidation yielding pressure	P <sub>y</sub> kg/cm <sup>2</sup>						
	Compression Index	C <sub>c</sub>						

Remarks :

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather qualitative information, as well as the application of statistical software for quantitative analysis.

3. The third part details the process of identifying and measuring key performance indicators (KPIs). It explains how these indicators are used to track progress and evaluate the effectiveness of different strategies and initiatives.

4. The fourth part addresses the challenges and limitations of data analysis. It highlights the need for careful interpretation of results and the importance of considering external factors that may influence the data.

5. The fifth part discusses the role of data in decision-making. It argues that data-driven insights are crucial for identifying opportunities, mitigating risks, and optimizing resource allocation.

6. The sixth part explores the ethical implications of data collection and analysis. It stresses the importance of protecting individual privacy and ensuring that data is used responsibly and in compliance with relevant regulations.

7. The seventh part provides a summary of the key findings and conclusions. It reiterates the value of a robust data analysis framework and offers recommendations for future research and practice.

8. The final part of the document includes a list of references and a bibliography, providing sources for the information and data used throughout the report.



Job Site **PORT OF IRENE**

Date **6-4-81**

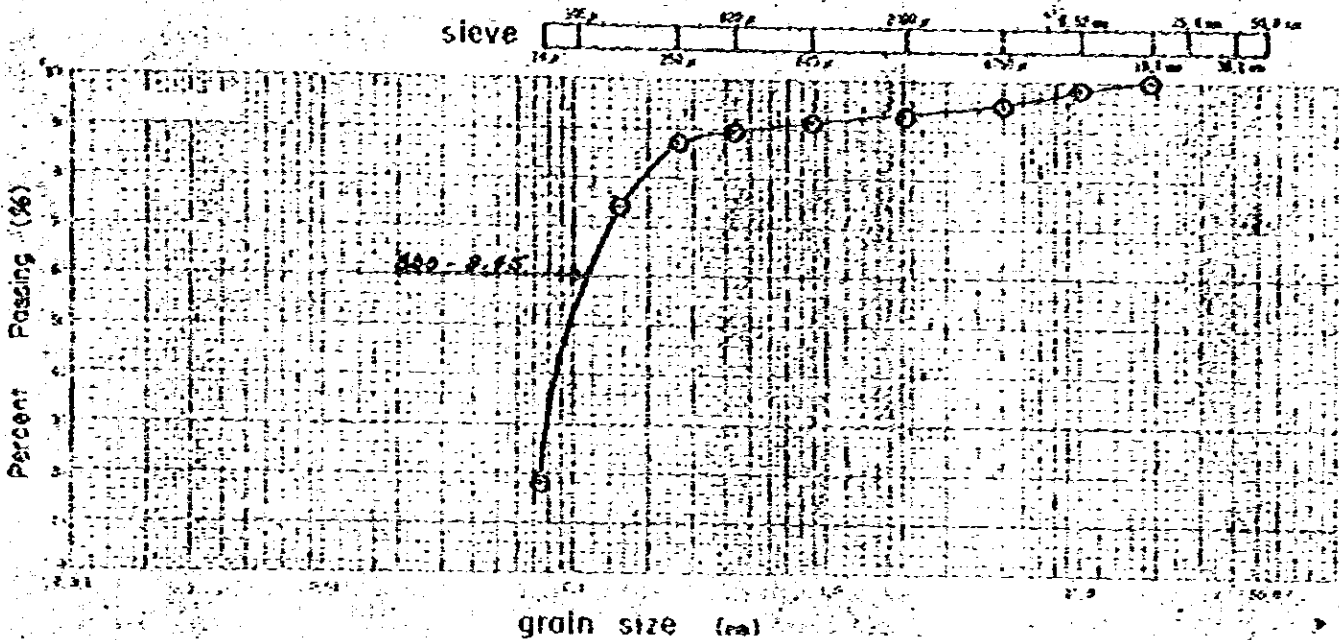
Sample No., Depth: No. **BH-1 (3.0 ~ 3.45 m)**

Technician **N. Prado**

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing.

Sample No., Depth	BH-1 (3.0 m ~ 3.45 m)												Gs
Grain size no	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074	
Weight Percent %				100	98.2	95.4	93.5	91.8	89.7	87.4	74.2	17.9	
Hydro meter size no													
Weight Percent %													

Sample No., Depth	( m ~ m )												Gs
Grain size no	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074	
Weight Percent %													
Hydro meter size no													
Weight Percent %													



clay                      silt                      sand                      gravel

Sample No., Depth	No. BH-1 3.0 m ~ 3.45 m		Sample No., Depth		No. BH-1 3.0 m ~ 3.45 m	
Grains in 4.76mm and larger	4.6	%	Max. grain size	19.1	mm	mm
Grains in 4.75 - 2mm	1.9	%	60 % (grain size)	.12	mm	mm
Grains in 2 - 0.425mm	3.8	%	36 % (grain size)	.075	mm	mm
Grains in 0.42 - 0.075mm	71.8	%	10 % (grain size)	-	mm	mm
Silt in 0.074 - 0.005mm	17.9	%	Coefficient of uniformity	-		
Clays less than 0.005mm	0	%	Coefficient of curvature	-		
Calclt less than 0.001mm	0	%				
Percent by weight passing through 200mm sieve	93.5	%				
Percent by weight passing through 425mm sieve	89.7	%				
Percent by weight passing through 75mm sieve	17.9	%				



# Results of Soil Test

Site of investigation: **PORT IRENE BH-2** Recorder: **N. PRAO**

	Sample No.	Depth m	DS 1	DS 2	DS 3	UDS 1	UDS 2
			2.00	5.00	9.00	12.00	15.00
			2.45	5.45	9.45	12.45	15.45
Grain size analysis	Grovel (>2000 $\mu$ ) %		2.1	0.7	0	0	0
	Sand (74-2000 $\mu$ ) %		52.9	34.7	10.8	16.8	3.2
	Silt (5 ~ 74 $\mu$ ) %		45.0	58.6	82.2	71.2	80.8
	Clay (< 5 $\mu$ ) %			6.0	7.0	12.0	16.0
	Max. diameter mm		9.52	4.76	2.00	2.00	2.00
	Coefficient of uniformity $U_c$			7.7	4.0	9.5	11.9
	Coefficient of curvature $U_c$			2.1	1.3	1.9	2.8
Consistency	Liquid limit WL %				45.6	51.6	54.0
	Plastic limit WP %				24.0	23.5	24.5
	Plasticity index Ip				21.6	28.1	29.5
Classification	Triangular classification chart		Fine sand	Clayey fine sand	Silty clay	Silty clay	Silty clay
	Plasticity chart		SM	SP	CL	CH	CH
	Specific gravity of soil particles $G_s$			2.50	2.50	2.49	2.50
Natural state	Water content W %		37.0	43.8	55.5	57.8	55.6
	Wet unit weight $\gamma$ g/cm <sup>3</sup>			1.73	1.64	1.62	1.64
	Void ratio e			0.99	1.27	1.43	1.39
	Degree of saturation Sr %						
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength $q_u$ kg/cm <sup>2</sup>				0.672	1.108
		Secord modulus $E_{50}$ kg/cm <sup>2</sup>				17.3	48.4
	Single shear test	Sensitivity ratio $S_t$					
		Testing condition					
	Triaxial compression test	Cohesion C kg/cm <sup>2</sup>					
Angle of shearing resistance $\phi$ °							
Consolidation test	Testing condition						
	Cohesion C kg/cm <sup>2</sup>						
	Angle of shearing resistance $\phi$ °						
	Consolidation yielding pressure $P_y$ kg/cm <sup>2</sup>						
	Compression Index $C_c$						

Remarks:

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. This includes both traditional and modern techniques, such as surveys, interviews, and data mining.

3. The third part of the document focuses on the challenges and limitations of data collection and analysis. It highlights the need for careful planning and execution to overcome these challenges and ensure the reliability of the results.

4. The fourth part of the document discusses the ethical considerations surrounding data collection and analysis. It emphasizes the importance of protecting individual privacy and ensuring that data is used responsibly and for the intended purpose.

5. The fifth part of the document provides a summary of the key findings and conclusions of the study. It highlights the main insights gained from the data and offers recommendations for future research and practice.

6. The sixth part of the document includes a list of references and sources used in the study. This provides a comprehensive overview of the existing literature on the topic and allows readers to explore the research in more depth.

7. The seventh part of the document contains a list of appendices and supplementary materials. These materials provide additional information and data that support the findings and conclusions of the study.

8. The eighth part of the document includes a list of figures and tables. These visual aids help to present the data in a clear and concise manner, making it easier for readers to understand the results of the study.

9. The ninth part of the document contains a list of footnotes and endnotes. These notes provide additional information and clarification on specific points raised in the text.

10. The tenth part of the document includes a list of acknowledgments. This section expresses gratitude to the individuals and organizations that provided support and assistance throughout the research process.

11. The eleventh part of the document contains a list of contact information for the author and other relevant parties. This allows readers to reach out for more information or to discuss the study further.

12. The twelfth part of the document includes a list of other resources and references. These resources provide additional information and insights related to the study and its findings.

13. The thirteenth part of the document contains a list of other relevant documents and materials. These materials provide additional context and information about the study and its findings.

14. The fourteenth part of the document includes a list of other related studies and research. These studies provide a broader perspective on the topic and highlight the contributions of the current study.

15. The fifteenth part of the document contains a list of other relevant information and details. This information provides additional context and information about the study and its findings.

# Results of Soil Test

Site of investigation **PORT IRBHE** BH - 3 Recorder **N.PRADO**

Sample		No.	DS 1	DS 2	UDS 1	DS 3	DS 4	DS 5
Depth		m	5.00	8.00	9.00	12.00	16.00	20.00
			5.45	8.45	9.60	12.45	16.45	20.45
Grain size analysis	Gravel (> 2000 $\mu$ ) %		0.9		0.3	0.3	0.1	0
	Sand (74-2000 $\mu$ ) %		45.3		21.6	12.6	23.2	22.8
	Silt (5 ~ 74 $\mu$ ) %		48.8		73.1	78.1	66.7	77.2
	Clay (< 5 $\mu$ ) %		5.0		5.0	8.0	10.0	
	Max. diameter	mm	4.76		4.76	4.76	4.76	0.84
	Coefficient of uniformity	Uc	10.0		4.3	6.5	10.0	
	Coefficient of curvature	Uc	1.2		1.5	1.12	1.3	
Consistency	Liquid limit	WL %			40.6	51.5		
	Plastic limit	Wp %			19.6	22.8		
	Plasticity index	Ip			21.0	28.7		
Classification	Triangular classification chart		<i>Silt very fine sand</i>		<i>silty clay</i>	<i>silty clay</i>	<i>Silt very fine sand</i>	<i>Very fine sand</i>
	Plasticity chart		SW		CL	CH	SW	ML
Specific gravity of soil particles Gs			2.61		2.49	2.55	2.54	2.52
Natural state	Water content	W %	44.4		50.9	62.0	47.4	42.9
	Wet unit weight	$\gamma_t$ g/cm <sup>3</sup>	1.72	1.67	1.67	1.67	1.78	1.80
	Void ratio	e	1.09		1.26	1.47	0.99	
	Degree of saturation	Sr %		0.203				
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength	Qu kg/cm <sup>2</sup>	5.7				
		Secant modulus	Es kg/cm <sup>2</sup>					
		Sensitivity ratio	St					
	Single shear test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
	Triaxial compression test	Testing condition						
Cohesion		C kg/cm <sup>2</sup>						
Consolidation test	Consolidation yielding pressure		P <sub>y</sub> kg/cm <sup>2</sup>					
	Compression index		Cc					

Remarks :



# Results of Soil Test

Site of investigation: PORT IRENE BH 3 Recorder: N. PRADO

Sample No.	Depth	m	DS 6					
			25.00					
			25.45					
Grain size analysis	Gravel	(> 2000 $\mu$ ) %	0					
	Sand	(74-2000 $\mu$ ) %	23.4					
	Silt	(5 ~ 74 $\mu$ ) %	76.6					
	Clay	(< 5 $\mu$ ) %						
	Max. diameter	mm	2.00					
	Coefficient of uniformity	U <sub>c</sub>						
	Coefficient of curvature	U <sub>c</sub>						
Consistency	Liquid limit	W <sub>L</sub> %						
	Plastic limit	W <sub>p</sub> %						
	Plasticity index	I <sub>p</sub>						
Classification	Triangular classification chart		Very fine sand					
	Plasticity chart		ML					
	Specific gravity of soil particles G <sub>s</sub>		2.41					
Natural state	Water content	W %	46.8					
	Wet unit weight	$\gamma_t$ g/cm <sup>3</sup>	1.70					
	Void ratio	e						
	Degree of saturation	S <sub>r</sub> %						
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength	Q <sub>u</sub> kg/cm <sup>2</sup>					
		Secant modulus	E <sub>50</sub> kg/cm <sup>2</sup>					
		Sensitivity ratio	S <sub>t</sub>					
	Single shear test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
		Angle of shearing resistance	$\phi$ °					
	Triaxial compression test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
		Angle of shearing resistance	$\phi$ °					
	Consolidation test	Consolidation yielding pressure	P <sub>y</sub> kg/cm <sup>2</sup>					
Compression index		C <sub>c</sub>						

Remarks :

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. This section also outlines the various methods and tools available for tracking and documenting data, ranging from traditional paper-based systems to modern digital solutions.

2. The second part of the document focuses on the legal and regulatory requirements that govern record-keeping practices. It details the specific rules and standards that organizations must adhere to, including retention periods, access controls, and data protection measures. This section highlights the consequences of non-compliance and provides guidance on how to ensure full adherence to all applicable laws and regulations.

3. The third part of the document addresses the challenges and risks associated with record-keeping. It identifies common pitfalls, such as data loss, corruption, and unauthorized access, and offers strategies to mitigate these risks. This section also discusses the importance of regular audits and reviews to ensure the integrity and accuracy of the records over time.

4. The fourth part of the document provides practical advice and best practices for implementing an effective record-keeping system. It covers topics such as system selection, user training, and ongoing maintenance. This section aims to help organizations establish a robust and sustainable record-keeping framework that meets their specific needs and objectives.

5. The final part of the document concludes with a summary of the key points discussed throughout the document. It reiterates the importance of record-keeping and encourages organizations to take proactive steps to ensure their records are accurate, secure, and compliant with all relevant requirements.



# Results of Soil Test

Site of investigate PORT IRBNE BH - 4 Recorder N. PRADO

Sample No.		DS 1	DS 2	UDS 1	DS 3	UDS 2	DS 4	
Depth m		5.00	8.00	9.00	12.00	14.00	16.00	
		5.45	8.45	9.80	12.45	14.80	16.45	
Grain size analysis	Gravel (> 2000 $\mu$ ) %	0	0		0		0	
	Sand (74-2000 $\mu$ ) %	46.9	7.9		12.9		11.1	
	Silt (5 ~ 74 $\mu$ ) %	53.1	86.1		77.1		79.1	
	Clay (< 5 $\mu$ ) %		6.0		10.0		15.0	
	Max. diameter mm	2.00	0.84		0.25		0.42	
	Coefficient of uniformity $U_c$		5.4		8.8		12.3	
	Coefficient of curvature $U_c$		1.16		1.47		1.8	
Consistency	Liquid limit WL %		46.0				64.0	
	Plastic limit Wp %		23.1				24.7	
	Plasticity index Ip		22.9				39.5	
Classification	Triangular classification chart	Very fine sand	silty clay	silty clay	Silty clay	Silty clay	Silty clay	
	Plasticity chart	ML	CL		CH		CH	
Specific gravity of soil particles $G_s$		2.56	2.47	.	2.58		2.59	
Natural state	Water content W %	43.4	60.4	50.9	57.2		66.7	
	Wet unit weight $\gamma_t$ g/cm <sup>3</sup>	1.73	1.63	1.65	1.63	1.70	1.65	
	Void ratio e	1.07	1.34	1.23	1.47	0.64	1.51	
	Degree of saturation Sr %							
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength $q_u$ kg/cm <sup>2</sup>			0.367		0.647	
		Secant modulus $E_{50}$ kg/cm <sup>2</sup>			12.1		56.9	
		Sensitivity ratio $S_t$						
	Single shear test	Testing condition						
		Cohesion C kg/cm <sup>2</sup>						
		Angle of shearing resistance $\phi$ °						
	Triaxial compression test	Testing condition						
		Cohesion C kg/cm <sup>2</sup>						
		Angle of shearing resistance $\phi$ °						
	Consolidation test	Consolidation yielding pressure $P_y$ kg/cm <sup>2</sup>						
Compression index $C_c$								

Remarks :

The following table shows the results of the experiment. The first column is the number of trials, the second column is the number of correct responses, and the third column is the percentage of correct responses. The data shows that the percentage of correct responses increases as the number of trials increases, indicating that the subject is learning the task.

Number of Trials	Number of Correct Responses	Percentage of Correct Responses
10	5	50%
20	12	60%
30	18	60%
40	25	62.5%
50	30	60%
60	35	58.3%
70	40	57.1%
80	45	56.25%
90	50	55.56%
100	55	55%

The results of the experiment show that the subject's performance is stable, with a slight decrease in the percentage of correct responses as the number of trials increases. This suggests that the subject has reached a plateau in their learning.

The following table shows the results of the experiment. The first column is the number of trials, the second column is the number of correct responses, and the third column is the percentage of correct responses. The data shows that the percentage of correct responses increases as the number of trials increases, indicating that the subject is learning the task.

Number of Trials	Number of Correct Responses	Percentage of Correct Responses
10	6	60%
20	12	60%
30	18	60%
40	24	60%
50	30	60%
60	36	60%
70	42	60%
80	48	60%
90	54	60%
100	60	60%

The results of the experiment show that the subject's performance is stable, with a constant percentage of correct responses across all trials. This suggests that the subject has reached a plateau in their learning.

The following table shows the results of the experiment. The first column is the number of trials, the second column is the number of correct responses, and the third column is the percentage of correct responses. The data shows that the percentage of correct responses increases as the number of trials increases, indicating that the subject is learning the task.

Number of Trials	Number of Correct Responses	Percentage of Correct Responses
10	7	70%
20	14	70%
30	21	70%
40	28	70%
50	35	70%
60	42	70%
70	49	70%
80	56	70%
90	63	70%
100	70	70%

The results of the experiment show that the subject's performance is stable, with a constant percentage of correct responses across all trials. This suggests that the subject has reached a plateau in their learning.

The following table shows the results of the experiment. The first column is the number of trials, the second column is the number of correct responses, and the third column is the percentage of correct responses. The data shows that the percentage of correct responses increases as the number of trials increases, indicating that the subject is learning the task.

Number of Trials	Number of Correct Responses	Percentage of Correct Responses
10	8	80%
20	16	80%
30	24	80%
40	32	80%
50	40	80%
60	48	80%
70	56	80%
80	64	80%
90	72	80%
100	80	80%

The results of the experiment show that the subject's performance is stable, with a constant percentage of correct responses across all trials. This suggests that the subject has reached a plateau in their learning.

# Results of Soil Test

Site of investigate PORT IRRENE      BH - 4      Recorder N.PRADO

	Sample No.	Depth m	DS 5	DS 6				
			20.00	28.00				
			20.45	28.45				
Grain size analysis	Gravel (> 2000 μ) %		0	0.1				
	Sand (74~2000 μ) %		3.9	11.1				
	Silt (5 ~ 74 μ) %		88.0	83.1				
	Clay (< 5 μ) %		8.1	5.0				
	Max. diameter	mm	0.84	4.76				
	Coefficient of uniformity	U <sub>c</sub>	6.0	4.3				
	Coefficient of curvature	U <sub>c</sub>	2.3	0.2				
Consistency	Liquid limit	WL %	64.6	46.5				
	Plastic limit	W <sub>p</sub> %	26.3	25.7				
	Plasticity index	I <sub>p</sub>	38.3	20.8				
Classification	Triangular classification chart							
	Plasticity chart		OH	CL				
	Specific gravity of soil particles G <sub>s</sub>		2.58	2.59				
Natural state	Water content	W %	64.4	54.2				
	Wet unit weight	γ <sub>t</sub> g/cm <sup>3</sup>	1.58	1.64				
	Void ratio	e	1.56	1.24				
	Degree of saturation	S <sub>r</sub> %						
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength	Q <sub>u</sub> kg/cm <sup>2</sup>					
		Secant modulus	E <sub>50</sub> kg/cm <sup>2</sup>					
		Sensitivity ratio	St					
	Single shear test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
		Angle of shearing resistance	φ °					
Triaxial compression test	Testing condition							
	Cohesion	C kg/cm <sup>2</sup>						
	Angle of shearing resistance	φ °						
Consolidation test	Consolidation yielding pressure		P <sub>y</sub> kg/cm <sup>2</sup>					
	Compression index		C <sub>c</sub>					

Remarks :

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. This section also touches upon the legal implications of failing to maintain such records, which can lead to severe consequences for individuals and organizations alike.

2. The second part of the document delves into the specific requirements for record-keeping, including the types of documents that must be retained and the duration for which they should be kept. It provides a detailed overview of the various categories of records, such as financial statements, contracts, and correspondence, and outlines the best practices for organizing and storing these documents to ensure they are easily accessible and secure.

3. The third part of the document addresses the challenges associated with record-keeping, particularly in the context of digital information. It discusses the risks of data loss, corruption, and unauthorized access, and offers strategies to mitigate these risks. This includes the use of secure storage solutions, regular backups, and the implementation of robust access controls to protect sensitive information.

4. The fourth part of the document provides a comprehensive guide to the legal and regulatory requirements governing record-keeping. It covers the various laws and regulations that apply to different types of records and industries, and explains how these requirements may vary across different jurisdictions. This section is particularly useful for organizations operating in multiple regions or those subject to specific regulatory oversight.

5. The fifth and final part of the document offers practical advice and tips for implementing an effective record-keeping system. It discusses the importance of developing clear policies and procedures, training staff on proper record-keeping practices, and regularly reviewing and updating the system to reflect changes in requirements and technology. The document concludes by emphasizing that a well-maintained record-keeping system is not only a legal requirement but also a valuable tool for improving operational efficiency and decision-making.

# Results of Soil Test

Site of investigation PORT IRENE BH- 5 Recorder N. PRADO

Sample		No. BH-5	DS 1	DS 2	DS 3	DS 4	DS 5	DS 6
Depth		METER m	0.00	3.00	6.00	8.00	12.00	16.00
			0.45	3.45	6.45	8.45	12.45	16.45
Grain size analysis	Gravel (> 2000 $\mu$ ) %		88.5	46.5	81.8	1.8	0.7	3.0
	Sand (74-2000 $\mu$ ) %		9.2	47.1	10.3	60.2	28.5	46.0
	Silt (5 ~ 74 $\mu$ ) %		2.3	6.4	7.9	29.0	58.8	46.0
	Clay (< 5 $\mu$ ) %					9.0	12.0	13.0
	Max. diameter	mm	50.8	38.1	50.8	9.52	9.52	9.52
	Coefficient of uniformity	U <sub>c</sub>	4.8	33.3	250.0	14.6	13.8	25.0
	Coefficient of curvature	U <sub>c</sub>	7.2	0.3	71.1	3.1	1.8	1.6
Consistency	Liquid limit	W <sub>L</sub> %						
	Plastic limit	W <sub>p</sub> %						
	Plasticity index	I <sub>p</sub>						
Classification	Triangular classification chart		Gravelly Sand	Sandy Gravel	Clayey Gravel	Fine Sand	Silty Sand	Silty sand
	Plasticity chart		GP	GW	GW	ML	ML	ML
	Specific gravity of soil particles G <sub>s</sub>		2.66	2.67	2.64	2.67	2.54	2.56
Natural state	Water content	W %	4.9	12.4	7.1	29.6	49.9	45.4
	Wet unit weight	$\gamma_t$ g/cm <sup>3</sup>				1.87	1.68	1.71
	Void ratio	e				0.99	1.15	1.05
	Degree of saturation	S <sub>r</sub> %						
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength	Q <sub>u</sub> kg/cm <sup>2</sup>					
		Secant modulus	E <sub>50</sub> kg/cm <sup>2</sup>					
		Sensitivity ratio	S <sub>t</sub>					
	Single shear test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
		Angle of shearing resistance	$\phi$ °					
	Triaxial compression test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
		Angle of shearing resistance	$\phi$ °					
	Consolidation test	Consolidation yielding pressure	P <sub>y</sub> kg/cm <sup>2</sup>					
Compression index		C <sub>c</sub>						

Remarks :

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial operations. This section also highlights the role of internal controls in preventing fraud and errors.

2. The second part of the document focuses on the implementation of robust risk management strategies. It outlines various risk assessment techniques and provides guidance on how to identify, measure, and mitigate potential risks. The text stresses the need for a proactive approach to risk management to protect the organization's assets and reputation.

3. The third part of the document addresses the importance of effective communication and reporting. It discusses the need for clear and concise communication channels and the role of regular reporting in keeping stakeholders informed. This section also touches upon the importance of data security and the need for strong cybersecurity measures to protect sensitive information.

4. The fourth part of the document discusses the importance of continuous improvement and innovation. It encourages organizations to regularly review their processes and procedures to identify areas for improvement and to embrace new technologies and ideas. This section also highlights the importance of fostering a culture of innovation and learning within the organization.

5. The fifth part of the document discusses the importance of ethical conduct and corporate social responsibility. It emphasizes the need for organizations to adhere to high ethical standards and to be transparent in their operations. This section also touches upon the importance of contributing to the community and the environment through various social responsibility initiatives.

6. The sixth part of the document discusses the importance of talent management and employee development. It outlines strategies for attracting, retaining, and developing top talent. This section also highlights the importance of providing ongoing training and development opportunities to ensure that employees are equipped with the skills and knowledge needed to succeed in a rapidly changing business environment.

7. The seventh part of the document discusses the importance of financial management and budgeting. It provides guidance on how to develop a realistic budget and how to monitor and control expenses. This section also touches upon the importance of maintaining a strong financial position and the need for regular financial reviews.

8. The eighth part of the document discusses the importance of legal and regulatory compliance. It outlines the key legal and regulatory requirements that organizations must adhere to and provides guidance on how to ensure compliance. This section also highlights the importance of staying up-to-date on changes in the legal and regulatory landscape.

9. The ninth part of the document discusses the importance of crisis management and business continuity planning. It outlines strategies for identifying potential crises and developing plans to respond to them. This section also touches upon the importance of having a clear and concise crisis communication plan in place.

10. The tenth part of the document discusses the importance of strategic planning and vision setting. It outlines the process of developing a clear and concise strategic plan and provides guidance on how to implement it. This section also highlights the importance of having a clear vision for the future and the need for regular strategic reviews.

# Results of Soil Test

Site of investigation PORT IRRENE BH - 5 Recorder N. PRADO

Sample		No. BH-5	7	8				
Depth		m	20.00	25.00				
			20.45	25.45				
Grain size analysis	Gravel	(> 2000 $\mu$ ) %	0	0				
	Sand	(74-2000 $\mu$ ) %	10.2	6.1				
	Silt	(5 ~ 74 $\mu$ ) %	75.8	77.9				
	Clay	(< 5 $\mu$ ) %	14.0	16.0				
	Max. diameter	mm	0.84	0.84				
	Coefficient of uniformity	Uc	15.0	17.0				
	Coefficient of curvature	Uc	3.1	2.1				
Consistency	Liquid limit	W <sub>L</sub> %	45.0	53.8				
	Plastic limit	W <sub>p</sub> %	25.5	30.0				
	Plasticity index	I <sub>p</sub>	19.5	23.8				
Classification	Triangular classification chart		Clayey sand	Silty clay				
	Plasticity chart		CL	CH				
	Specific gravity of soil particles	G <sub>s</sub>	2.53	2.54				
Natural state	Water content	W %	50.3	56.2				
	Wet unit weight	$\gamma_t$ g/cm <sup>3</sup>	1.67	1.63				
	Void ratio	e						
	Degree of saturation	S <sub>r</sub> %						
Mechanical characteristics	Unconfined compression test	Unconfined compressive strength	Q <sub>u</sub> kg/cm <sup>2</sup>					
		Secant modulus	E <sub>s</sub> kg/cm <sup>2</sup>					
		Sensitivity ratio	S <sub>t</sub>					
	Single shear test	Testing condition						
		Cohesion	C kg/cm <sup>2</sup>					
		Angle of shearing resistance	$\phi$ °					
Triaxial compression test	Testing condition							
	Cohesion	C kg/cm <sup>2</sup>						
	Angle of shearing resistance	$\phi$ °						
Consolidation test	Consolidation yielding pressure	P <sub>y</sub> kg/cm <sup>2</sup>						
	Compression index	C <sub>c</sub>						

Remarks :

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and processing, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the data remains reliable and secure throughout its lifecycle.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of a data-driven approach in decision-making and the need for continuous monitoring and improvement of data management practices.



Job Site

PORT OF IRENE

Date

6-1-81

Sample No., Depth: No.

BH-1 (5.0~5.45m)

Technician

H. Prado

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth

BH-1 (5.0m~5.45m)

Gs

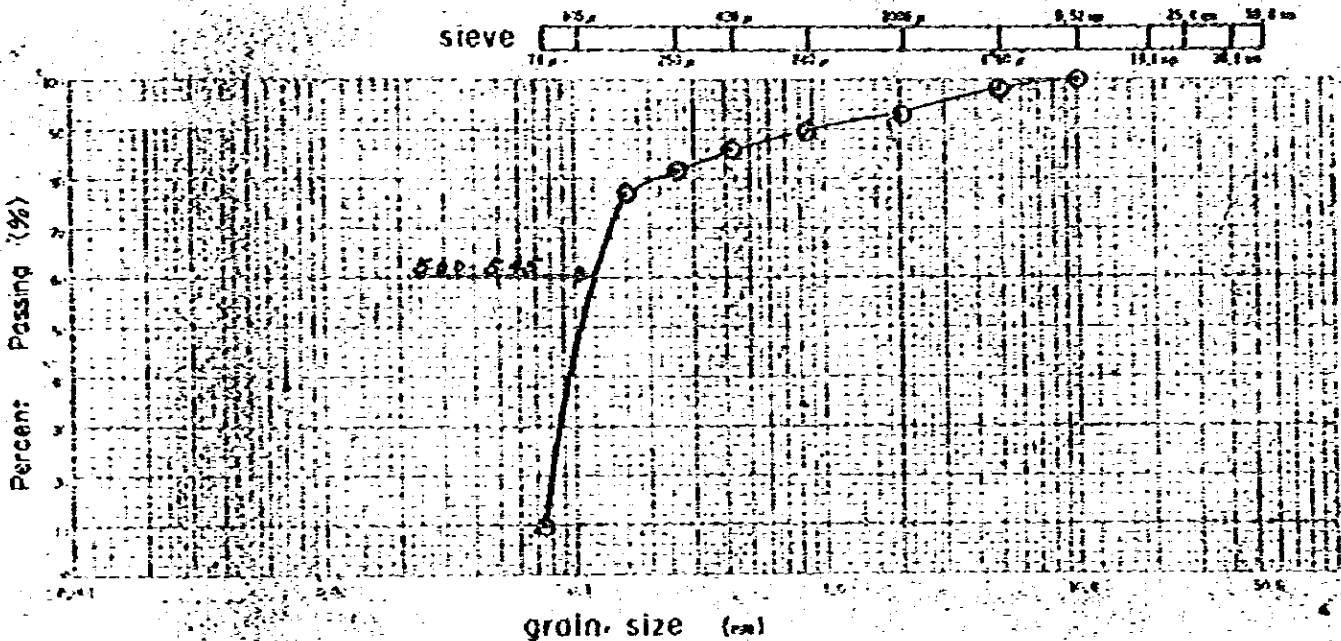
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
Weight Percent %					100	98.3	92.4	89.7	86.3	81.1	76.9	9.9
Grain size mm												
Weight Percent %												

Sample No., Depth

( m ~ m )

Gs

Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
Weight Percent %												
Grain size mm												
Weight Percent %												



clay	silt	sand	gravel
0.075	0.075 - 0.075	0.075 - 2.0	2.0

Sample No., Depth	No. BH-1		Sample No., Depth	No. BH-1	
	m	m		5.0 m - 5.45 m	m
Grains in 4.76mm and larger	1.7	%	Max. grain size	9.52	mm
Grains in 4.76 - 2mm	5.9	%	60 % (grain size)	.12	mm
Grains in 2 - 0.42mm	6.1	%	30 % (grain size)	.087	mm
Grains in 0.42 - 0.0075mm	76.4	%	10 % (grain size)	.075	mm
Silt in 0.075 - 0.0075mm	9.9	%	Coefficient of uniformity	1.6	
Clays less than 0.0075mm	0	%	Coefficient of curvature	0.841	
Clays less than 0.001mm	0	%			
Percent by weight passing through 200µ sieve	92.4	%			
Percent by weight passing through 420µ sieve	86.3	%			
Percent by weight passing through 75µ sieve	9.9	%			

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. This section also touches upon the legal implications of failing to maintain such records, which can lead to severe consequences for individuals and organizations alike.

2. The second part of the document delves into the specific requirements for record-keeping, including the types of documents that must be retained and the duration for which they should be kept. It provides a detailed overview of the various categories of records, such as financial statements, contracts, and correspondence, and outlines the best practices for organizing and storing these documents to ensure they are easily accessible and secure.

3. The third part of the document addresses the challenges associated with record-keeping, particularly in the context of digital information. It discusses the risks of data loss, corruption, and unauthorized access, and offers strategies to mitigate these risks. This includes the use of secure storage solutions, regular backups, and the implementation of robust access controls to protect sensitive information.

4. The fourth part of the document focuses on the role of record-keeping in legal proceedings. It explains how well-maintained records can serve as crucial evidence in court cases, helping to establish the facts of a matter and support a party's position. It also discusses the importance of preserving records in their original form or as certified copies to ensure their admissibility in legal proceedings.

5. The fifth part of the document provides a summary of the key points discussed and offers final thoughts on the importance of record-keeping. It reiterates that maintaining accurate records is not just a legal obligation but also a best practice for any individual or organization seeking to operate with integrity and transparency. The document concludes by encouraging readers to take the necessary steps to ensure their records are up-to-date, accurate, and secure.

Job Site PORT OF IRKNE

Date 6-4-81

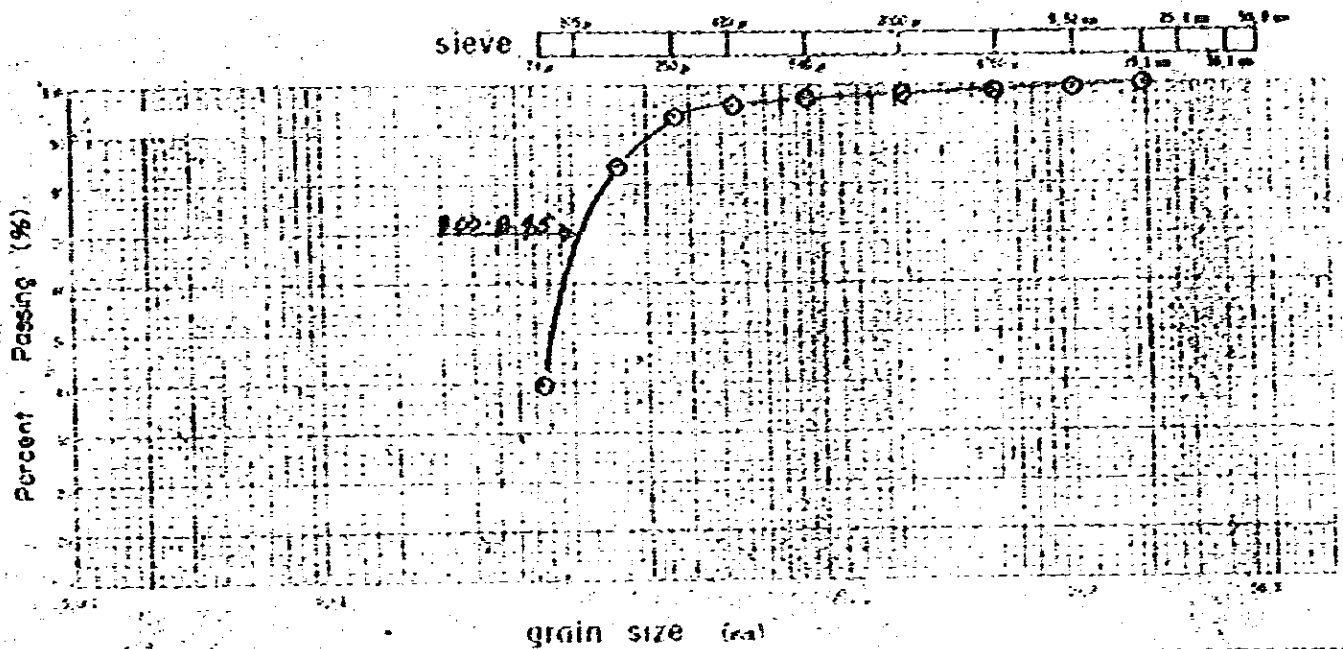
Sample No., Depth: No. BH-1 (8.0 ~ 8.45m)

Technician N. Prado

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth	BH-1 (8.0 m ~ 8.45m)												Gs
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074	
Weight Percent %				100	99.3	98.5	98.1	97.3	76.2	94.4	83.9	39.5	
Grain size mm													
Weight Percent %													

Sample No., Depth	( m ~ m )												Gs
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074	
Weight Percent %													
Grain size mm													
Weight Percent %													



Category	clay	silt	sand	gravel
	0.002	0.075	0.075	0.075

Sample No., Depth	No. BH-1	%	Sample No., Depth	No. BH-1	%
	8.0 ~ 8.45m			8.0 ~ 8.45	
Grains in 4.75mm and larger	1.5	%	Max. grain size	19.1	mm
Grains in 4.75 - 2mm	0.4	%	(60) % (grain size)	.09	mm
Grains in 2 - 0.425mm	1.9	%	(30) % (grain size)	=	mm
Grains in 0.425 - 0.075mm	56.7	%	(10) % (grain size)	=	mm
Silt in 0.075 - 0.0075mm	39.5	%	Coefficient of uniformity	=	
Clays less than 0.0075mm	0	%	Coefficient of curvature	=	
Clays less than 0.0015mm	0	%			
Percent by weight passing through 200µ sieve	98.1	%			
Percent by weight passing through 420µ sieve	96.2	%			
Percent by weight passing through 75 µ sieve	39.5	%			

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document discusses the importance of data governance and the role of leadership in establishing a strong data culture. It emphasizes that data should be treated as a valuable asset that requires careful management and oversight.

6. The sixth part of the document explores the benefits of data-driven decision-making and how it can lead to improved performance and innovation. It provides examples of organizations that have successfully leveraged data to gain a competitive edge.

7. The seventh part of the document discusses the future of data management and the emerging trends in the field. It highlights the growing importance of artificial intelligence and machine learning in data analysis and the need for ongoing learning and adaptation.

8. The eighth part of the document provides a summary of the key points discussed and offers final thoughts on the importance of data in the modern business landscape. It encourages organizations to embrace data as a strategic asset and to invest in the necessary resources to maximize its value.

9. The ninth part of the document includes a list of references and sources used in the document. It provides a comprehensive list of books, articles, and reports that provide further information on the topics discussed.

10. The tenth part of the document is a conclusion that summarizes the main findings and offers a final perspective on the role of data in the future of business. It reiterates the importance of data and the need for organizations to stay up-to-date with the latest developments in the field.

11. The eleventh part of the document is a list of appendices that provide additional information and data related to the main text. It includes tables, charts, and other supplementary materials that support the analysis and conclusions presented in the document.

12. The final part of the document is a list of contact information for the author and other relevant parties. It provides details on how to reach the author for further inquiries or to request additional information.

Job Site

PORT OF IRENE

Date

6-9-81

Sample No., Depth: No.

BH-1 (12.0 ~ 12.45)

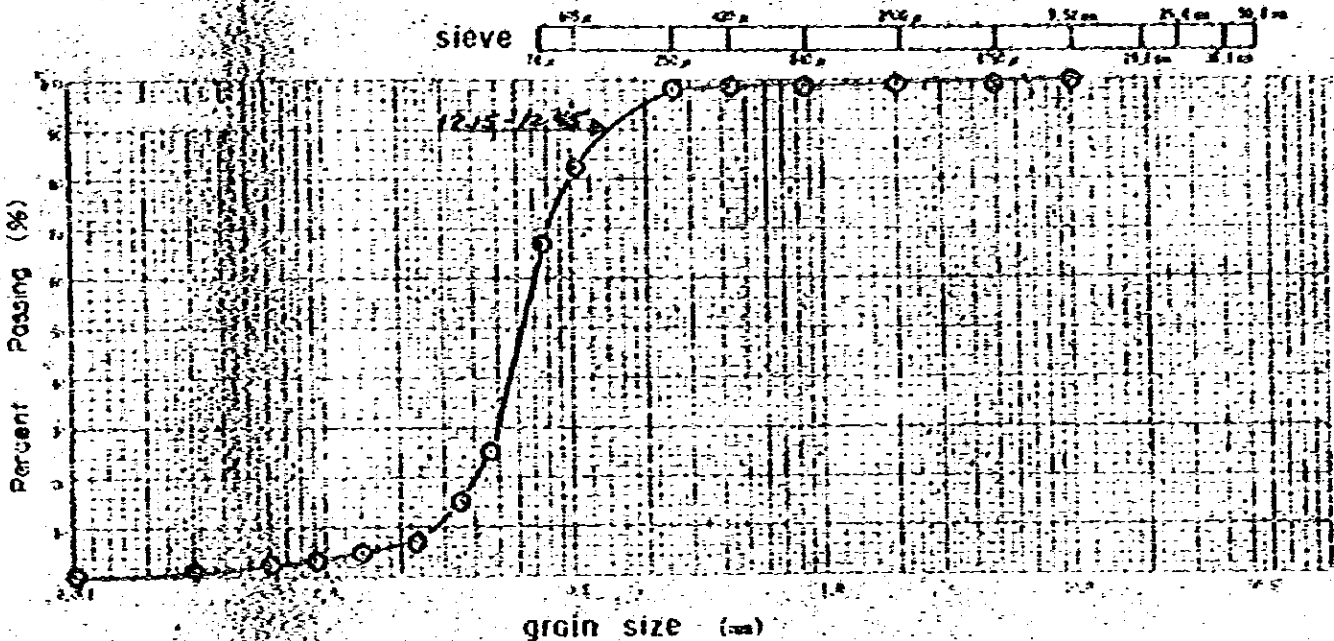
Technician

N. Prado

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth	BH-1 (12.0 ~ 12.45 m)											Gs	2.45
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.75	2.00	0.84	0.42	0.25	0.105	0.074	
Weight percent %					100	99.5	99.3	98.9	98.7	98.2	82.1	66.9	
Grain size mm	.047	.035	.023	.014	.009	.006	.003	.001					
Weight percent %	25.2	14.7	5.3	4.2	3.2	2.1	1.1	0					

Sample No., Depth	( m ~ m )											Gs
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.75	2.00	0.84	0.42	0.25	0.105	0.074
Weight percent %												
Grain size mm												
Weight percent %												



clay	silt	sand	gravel
------	------	------	--------

Sample No., Depth	BH-1		BH-1		Sample No., Depth	BH-1	
	12.0 ~ 12.45	%	n	m		12.0 ~ 12.45	%
Gravel in 4.75mm and larger	0.5	%			Max. grain size	9.52	mm
Gravel in 4.75 - 2mm	0.2	%			60 % (grain size)	.07	mm
Gravel in 2 - 0.42mm	0.6	%			30 % (grain size)	.05	mm
Gravel in 0.42 - 0.074mm	31.8	%			10 % (grain size)	.028	mm
Silt in 0.074 - 0.006mm	64.9	%			Coefficient of uniformity	2.15	
Clays less than 0.006mm	2.0	%			Coefficient of curvature	1.27	
Clays less than 0.001mm	0	%					
Percent by weight passing through 2000µ sieve	99.3	%					
Percent by weight passing through 420µ sieve	98.7	%					
Percent by weight passing through 75µ sieve	66.9	%					

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

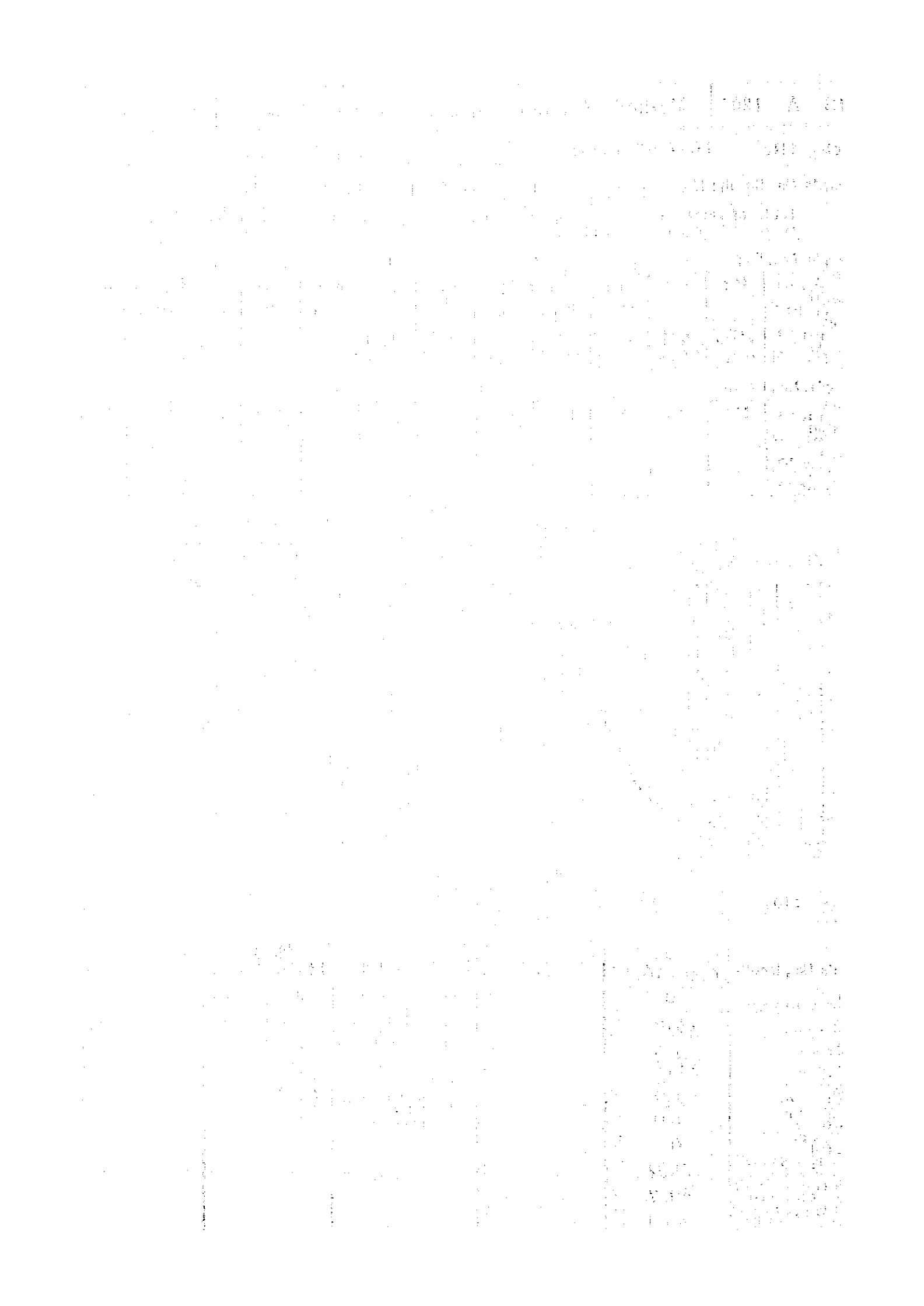
2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather qualitative information, as well as the application of statistical software for quantitative analysis.

3. The third part details the process of identifying and measuring key performance indicators (KPIs). It explains how these indicators are selected based on the organization's strategic goals and how they are used to monitor progress and identify areas for improvement.

4. The fourth part discusses the challenges and limitations of data analysis. It highlights the potential for bias in data collection and the importance of using appropriate statistical techniques to minimize these risks. It also notes that data analysis is an ongoing process that requires regular updates and re-evaluation.

5. The fifth part concludes by summarizing the key findings and recommendations. It stresses the need for a data-driven approach to decision-making and provides practical advice on how to implement the findings of the analysis in the organization's daily operations.







Job Site

PORT IRENE

Date

6-23-81

Sample No., Depth: No.

BH-1 (20.0m ~ 20.45m)

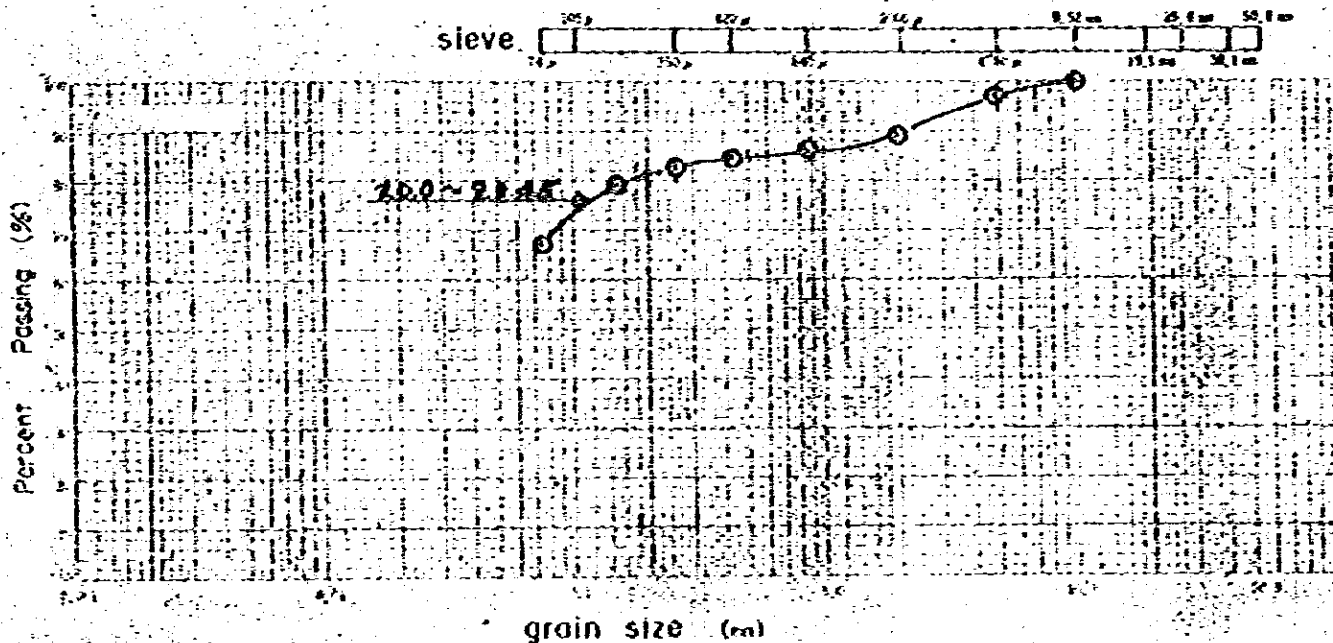
Technician

N. Prado

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing.

Sample No., Depth	BH-1 (20.0m ~ 20.45m)											Gs		
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074		
Weight percent %					100	96.6	88.4	84.8	83.7	82.3	79.4	67.4		
Grain size mm														
Weight percent %														

Sample No., Depth	( m ~ m )											Gs		
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074		
Weight percent %														
Grain size mm														
Weight percent %														



Sample No., Depth	Total clay		silt		sand		gravel	
	No.	%	No.	%	No.	%	No.	%
Sample No., Depth	BH-1 20.0m ~ 20.45m				BH-1 20.0m ~ 20.45m			
Grains in 7.6mm and larger	3.4	%					Max. grain size	9.52 mm
Grains in 4.75 - 2mm	8.2	%					50 % (grain size)	mm
Grains in 2 - 0.42mm	4.7	%					30 % (grain size)	mm
Grains in 0.42 - 0.075mm	16.3	%					10 % (grain size)	mm
Silt in 0.075 - 0.0075mm	67.4	%					Coefficient of uniformity	
Clays less than 0.0075mm	0	%					Coefficient of curvature	
Gravel less than 0.0075mm	0	%						
Percent by weight passing through 75µ sieve	88.4	%						
Percent by weight passing through 420µ sieve	83.7	%						
Percent by weight passing through 75µ sieve	67.4	%						

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial operations. This section also outlines the various methods and tools used to collect and analyze data, highlighting the need for consistency and precision in data entry and reporting.

2. The second part of the document focuses on the implementation of internal controls and risk management strategies. It details the process of identifying potential risks and developing effective mitigation plans to minimize their impact on the organization. This section also discusses the role of internal audits in monitoring and evaluating the effectiveness of these controls, ensuring that the organization remains compliant with relevant regulations and standards.

3. The third part of the document addresses the importance of communication and collaboration in achieving organizational goals. It emphasizes the need for clear communication channels and regular meetings to ensure that all team members are aligned and working towards the same objectives. This section also discusses the role of leadership in fostering a culture of open communication and teamwork, which is essential for long-term success.

4. The fourth part of the document discusses the importance of continuous learning and development in a rapidly changing business environment. It emphasizes the need for employees to stay updated on the latest industry trends and technologies through ongoing training and professional development programs. This section also discusses the role of leadership in creating a learning culture that encourages employees to take ownership of their own growth and development.

5. The fifth part of the document discusses the importance of ethical behavior and integrity in all business dealings. It emphasizes the need for organizations to adhere to a strong code of ethics and to promote a culture of honesty and transparency. This section also discusses the role of leadership in setting the example and ensuring that ethical values are embedded in the organization's DNA.

6. The sixth part of the document discusses the importance of innovation and creativity in driving organizational growth and competitive advantage. It emphasizes the need for organizations to foster a culture of innovation and to encourage employees to think outside the box and come up with new ideas. This section also discusses the role of leadership in providing the necessary resources and support for innovation, as well as the importance of protecting intellectual property and promoting a culture of collaboration and knowledge sharing.

7. The seventh part of the document discusses the importance of sustainability and social responsibility in building a long-term, resilient organization. It emphasizes the need for organizations to consider the environmental, social, and governance (ESG) impacts of their operations and to integrate these considerations into their overall business strategy. This section also discusses the role of leadership in promoting a culture of sustainability and social responsibility, and the importance of reporting on these issues to stakeholders.

8. The eighth part of the document discusses the importance of flexibility and adaptability in responding to changing market conditions and customer needs. It emphasizes the need for organizations to be agile and to have the ability to pivot quickly when necessary. This section also discusses the role of leadership in fostering a culture of flexibility and adaptability, and the importance of investing in research and development to stay ahead of the competition.

9. The ninth part of the document discusses the importance of talent management and retention in building a high-performing organization. It emphasizes the need for organizations to attract, develop, and retain top talent through competitive compensation, professional development opportunities, and a positive work environment. This section also discusses the role of leadership in creating a culture of high performance and employee engagement, and the importance of regular communication and feedback.

10. The tenth part of the document discusses the importance of strategic planning and execution in achieving long-term organizational success. It emphasizes the need for organizations to have a clear vision and mission statement, and to develop a detailed strategic plan that outlines the key goals and objectives for the organization. This section also discusses the role of leadership in driving the execution of the strategic plan, and the importance of monitoring and evaluating progress regularly.

Job, Site, PORT OF IRENE

Date 6-5-81

Technician N. Prado

Sample No., Depth		No. BH-1 (2.0m-12.1m)	
Liquid limit Test		Plastic limit Test	
No.	No. of blows	Moisture content %	No. Moisture content %
1	45	37.57	1 33.26
2	34	38.42	2 32.73
3	26	41.10	3
4	19	43.13	
5	12	44.48	
6			Average 32.99
Liquid limit %	Plastic limit %	Plasticity Index I <sub>p</sub>	
40.9 %	33.0 %	7.9	

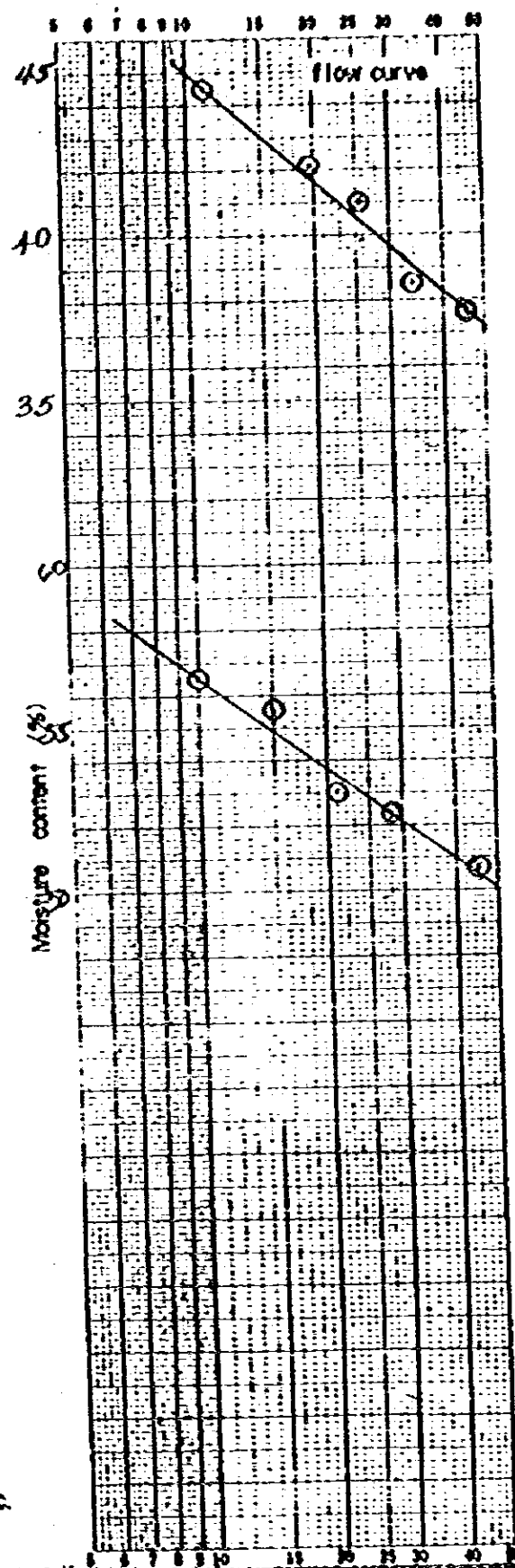
Remarks: describe preparation method of the sample and etc.

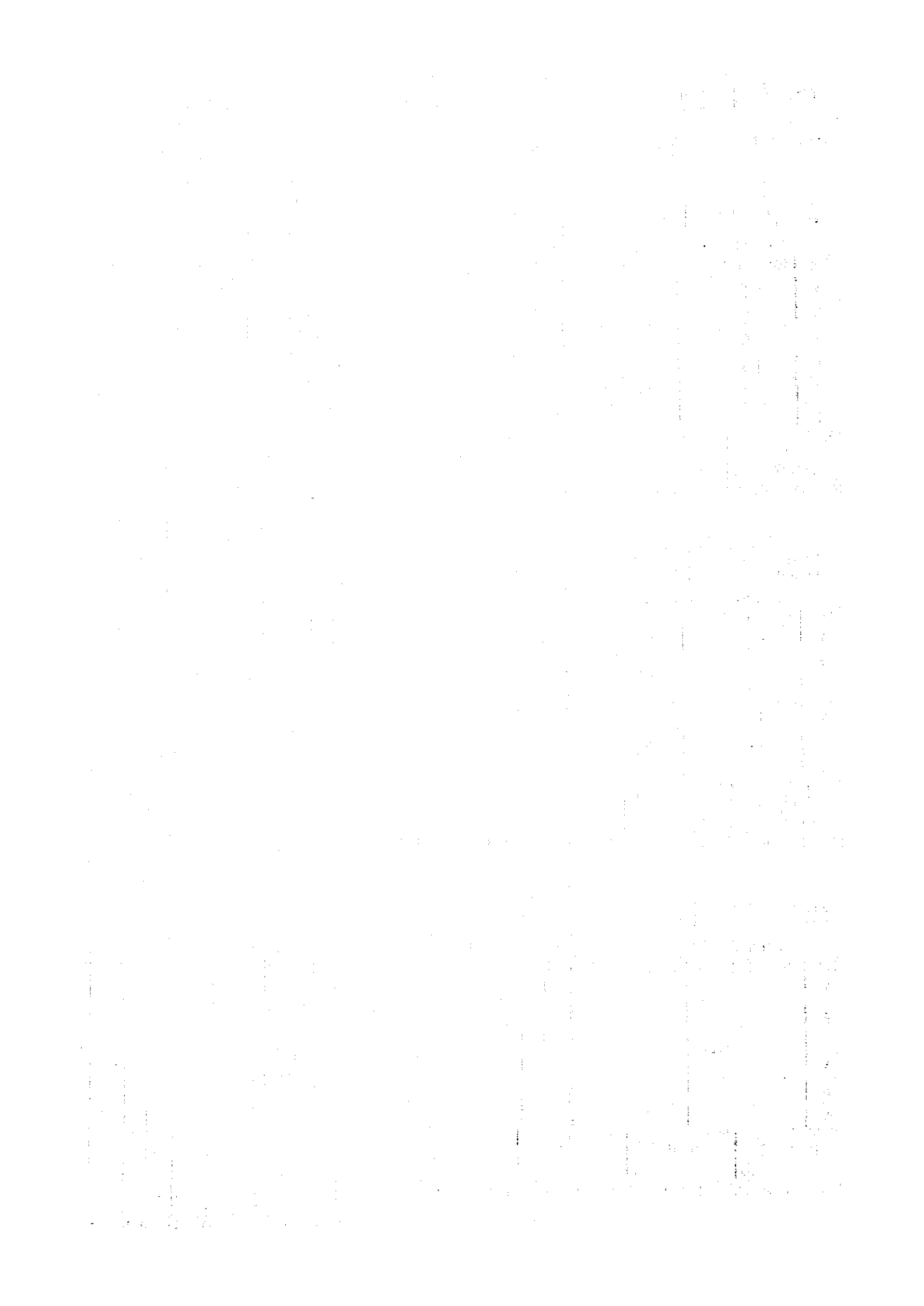
Sample No., Depth		No. BH-1 (16.0m-16.4m)	
Liquid limit Test		Plastic limit Test	
No.	No. of blows	Moisture content %	No. Moisture content %
1	45	50.66	1 37.99
2	28	52.48	2 37.84
3	21	53.01	3
4	15	55.61	
5	10	56.45	Ave 37.91
6			
Liquid limit %	Plastic limit %	Plasticity Index I <sub>p</sub>	
53.6 %	37.9 %	15.7	

Remarks: describe preparation method of the sample and etc.

Sample No., Depth		No. ( m - m )	
Liquid limit Test		Plastic limit Test	
No.	No. of blows	Moisture content %	No. Moisture content %
1			1
2			2
3			3
4			
5			
6			
Liquid limit %	Plastic limit %	Plasticity Index I <sub>p</sub>	

Remarks: describe preparation method of the sample and etc.





Job, Site PORT IRENE

Date 6-3-81

Technician N. Prado

Sample No., Depth		No. BH-1 (3.0 ~ 3.45)			No. BH-1 (5.0 ~ 5.45m)		
Test	No	1	2	3	1	2	3
Pycnometer	No	43	93	92	73	55	50
Weight of pycnometer + oven dried soil (wet soil) + water	Wp	161.26	158.86	156.90	164.36	160.47	156.95
Temperature of content when Wp is read		9 °C	9 °C	9 °C	9 °C	9 °C	9 °C
W. of oven dried soil	Weight (container + dried soil) - Wc						
Pycnometer	Wc	15.0	15.0	15.0	15.0	15.0	15.0
① Converted weight of T°C (container + distilled water)	Wa	151.95	149.54	147.68	155.31	151.22	147.72
	Wp + (Wa - Wc)	5.69	5.68	5.78	5.95	5.75	5.83
Specific Gravity at T°C	$G_s = \frac{W_p}{W_p + (W_a - W_c)}$	2.64	2.64	2.60	2.52	2.60	2.57
② Compensation coefficient K		1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
Specific Gravity at 15°C	$G_s (15°C) = K \times G_s (T°C)$	2.64	2.64	2.60	2.52	2.60	2.57
Average Value		$G_s (T°C/15°C) = 2.63 \text{ gm}^3$			$G_s (T°C/15°C) = 2.56 \text{ gm}^3$		
Remarks							

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS.

Sample No., Depth		No. BH-1 (8.0 ~ 8.45m)			No. BH-1 (12.0 ~ 12.45m)		
Test	No	1	2	3	1	2	3
Pycnometer	No	44	89	94	48	63	36
Weight of pycnometer + oven dried soil (wet soil) + water	Wp	157.25	155.56	157.47	157.18	154.50	160.82
Temperature of content when Wp is read		9 °C	9 °C	9 °C	9 °C	9 °C	9 °C
W. of oven dried soil	Weight (container + dried soil) - Wc						
Pycnometer	Wc	15.00	15.00	15.00	15.0	15.00	15.00
① Converted weight of T°C (container + distilled water)	Wa	148.06	146.41	148.26	148.39	145.60	151.95
	Wp + (Wa - Wc)	5.81	5.85	5.79	6.21	6.10	6.13
Specific Gravity at T°C	$G_s = \frac{W_p}{W_p + (W_a - W_c)}$	2.58	2.56	2.59	2.42	2.46	2.45
② Compensation coefficient K		1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
Specific Gravity at 15°C	$G_s (15°C) = K \times G_s (T°C)$	2.58	2.56	2.59	2.42	2.46	2.45
Average Value		$G_s (T°C/15°C) = 2.57 \text{ gm}^3$			$G_s (T°C/15°C) = 2.45 \text{ gm}^3$		
Remarks							

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial reporting and auditing. This section also highlights the role of internal controls in preventing errors and fraud, and the need for regular audits to ensure compliance with applicable laws and regulations.

2. The second part of the document focuses on the importance of communication and collaboration between different departments and stakeholders. It stresses that effective communication is key to ensuring that everyone is on the same page and working towards common goals. This section also discusses the importance of regular meetings and updates to keep everyone informed of the latest developments and changes in the organization.

3. The third part of the document addresses the importance of risk management and compliance. It highlights the need to identify and assess potential risks to the organization, and to implement appropriate measures to mitigate these risks. This section also discusses the importance of staying up-to-date on changes in laws and regulations, and ensuring that the organization is in full compliance with all applicable requirements.

4. The fourth part of the document discusses the importance of employee training and development. It emphasizes that investing in employee training and development is essential for ensuring that the organization has the skills and knowledge needed to succeed in a competitive market. This section also discusses the importance of providing ongoing training and development opportunities to employees, and the role of management in supporting and encouraging employee growth.

5. The fifth part of the document discusses the importance of financial management and budgeting. It highlights the need to develop a clear budget and to track expenses carefully to ensure that the organization is operating within its financial means. This section also discusses the importance of regular financial reporting and the role of management in making informed decisions about the organization's financial future.

6. The sixth part of the document discusses the importance of customer service and satisfaction. It emphasizes that providing excellent customer service is essential for building a strong reputation and ensuring long-term success. This section also discusses the importance of listening to customer feedback and using it to improve the organization's products and services.

7. The seventh part of the document discusses the importance of innovation and research and development. It highlights the need to invest in research and development to stay ahead of the competition and to develop new products and services. This section also discusses the importance of fostering a culture of innovation and encouraging employees to think creatively and come up with new ideas.

8. The eighth part of the document discusses the importance of sustainability and social responsibility. It emphasizes that organizations have a responsibility to their stakeholders to operate in a sustainable and socially responsible manner. This section also discusses the importance of reducing the organization's carbon footprint, supporting local communities, and promoting ethical practices throughout the organization.

9. The ninth part of the document discusses the importance of succession planning and leadership development. It highlights the need to identify and develop potential future leaders within the organization to ensure a smooth transition of power. This section also discusses the importance of providing leadership training and development opportunities to employees, and the role of management in supporting and encouraging leadership growth.

10. The tenth part of the document discusses the importance of crisis management and business continuity planning. It emphasizes the need to develop a clear crisis management plan and to test it regularly to ensure that the organization is prepared to handle any potential crises. This section also discusses the importance of having a business continuity plan in place to ensure that the organization can continue to operate in the event of a major disaster or crisis.

Job, Site

PORT IRENE

Date

6-3-81

Technician

N. Prado

Sample No, Depth	No. BH-1 (16.0~16.4)5			No. BH-1 (20.0~20.4)5		
	1	2	3	1	2	3
Test No						
Pycnometer No	47	65	32	62	46	32
Weight of pycnometer + oven dried soil (wet soil) + water Wb g	154.42	147.61	151.84	155.15	159.77	154.85
Temperature of content when Wb is measured	9 °C	9 °C	9 °C	8 °C	8 °C	8 °C
W. of oven dried soil in pycnometer.	container No.					
	Weight (container + dried soil) g					
	Wt of container g					
W <sub>s</sub> g	15.0	7.86	15.0	15.0	15.0	15.0
① Converted weight at T°C (container + distilled water) W <sub>a</sub> g	145.50	143.03	145.7	145.97	150.65	145.7
W <sub>s</sub> + (W <sub>a</sub> - W <sub>s</sub> ) g	6.08	3.28	6.14	5.82	5.88	5.85
Specific Gravity at T°C $\frac{W_s}{W_s + (W_a - W_s)}$	2.47	2.40	2.44	2.57	2.55	2.56
② Compensation coefficient K	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
Specific Gravity at 15°C: $\frac{W_s}{W_s + (W_a - W_s)} \times K$	2.47	2.40	2.44	2.57	2.55	2.56
Average Value	G <sub>s</sub> (T°C/15°C) = 2.45 g/cm <sup>3</sup>			G <sub>s</sub> (T°C/15°C) = 2.56 g/cm <sup>3</sup>		
Remarks						

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS.

Sample No, Depth	No. ( n ~ n )			No. ( n ~ n )		
	1	2	3	1	2	3
Test No						
Pycnometer No						
Weight of pycnometer + oven dried soil (wet soil) + water Wb g						
Temperature of content when Wb is measured						
W. of oven dried soil in pycnometer.	container No.					
	Weight (container + dried soil) g					
	Wt of container g					
W <sub>s</sub> g						
① Converted weight at T°C (container + distilled water) W <sub>a</sub> g						
W <sub>s</sub> + (W <sub>a</sub> - W <sub>s</sub> ) g						
Specific Gravity at T°C $\frac{W_s}{W_s + (W_a - W_s)}$						
② Compensation coefficient K						
Specific Gravity at 15°C: $\frac{W_s}{W_s + (W_a - W_s)} \times K$						
Average Value	G <sub>s</sub> (T°C/15°C) = g/cm <sup>3</sup>			G <sub>s</sub> (T°C/15°C) = g/cm <sup>3</sup>		
Remarks						

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. The text notes that without clear documentation, it becomes difficult to track expenses and revenues, which can lead to misunderstandings and disputes.

2. The second section focuses on the role of technology in modern record-keeping. It highlights how digital tools and software solutions have revolutionized the way data is stored and accessed. These technologies not only improve efficiency but also reduce the risk of human error and data loss. The document suggests that organizations should invest in reliable digital systems to ensure their records are secure and easily retrievable.

3. The third part of the document addresses the legal and regulatory requirements surrounding record-keeping. It outlines various laws and standards that govern how records must be maintained, stored, and disposed of. Compliance with these regulations is crucial to avoid legal penalties and ensure the integrity of the organization's data. The text provides a brief overview of key regulatory frameworks and offers practical advice on how to stay up-to-date with changing requirements.

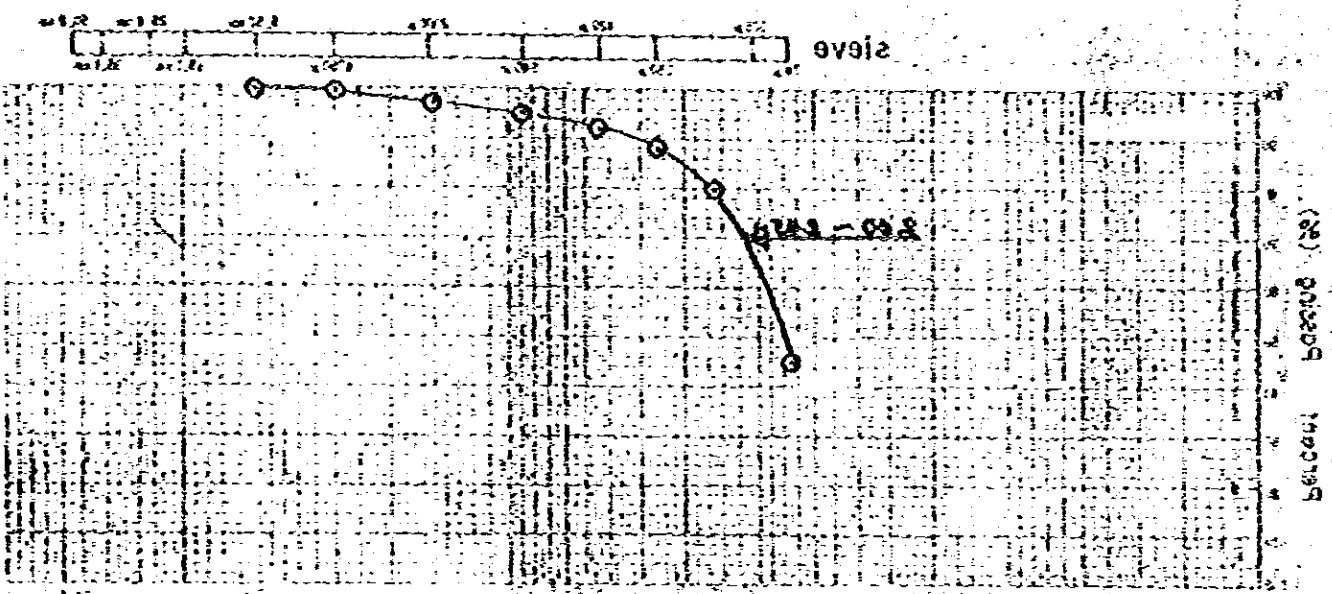
4. The final section discusses the importance of regular audits and reviews of records. It explains that periodic audits help identify any discrepancies or areas where records may be incomplete or inaccurate. This process is vital for maintaining the overall health and reliability of the organization's information systems. The document recommends establishing a clear schedule for audits and involving relevant stakeholders to ensure thorough and effective reviews.



Top Site: PORT IRRADI Date: 6-23-81  
 Sample No., Depth: No. BH-2 (2.0-2.4m) Technician: H. Prado

Table of relationship between grain-size used for illustrating grain-size occupation curve and weight percent of total passing

Sample No., Depth	Grain Size (mm)	Weight Percent (%)
Sample No. 208, Depth 2.0-2.4m	75	100
	60	97.5
	45	92.2
	30	88.0
	15	81.0
	7.5	72.0
	4.75	62.0
	2.5	45.0
	1.5	32.0
	0.75	22.0



Soil Classification: sand

Sample No., Depth	Grain Size (mm)	Weight Percent (%)
Sample No. 208, Depth 2.0-2.4m	75	100
	60	97.5
	45	92.2
	30	88.0
	15	81.0
	7.5	72.0
	4.75	62.0
	2.5	45.0
	1.5	32.0
	0.75	22.0

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all entries are supported by proper documentation and receipts.

3. Regular audits should be conducted to verify the accuracy of the records and identify any discrepancies.

4. The second part of the document outlines the procedures for handling cash and credit transactions.

5. All cash receipts should be recorded immediately and deposited in a secure bank account.

6. Credit sales should be recorded on an accrual basis, and accounts receivable should be monitored closely.

7. The third part of the document provides guidelines for managing inventory and fixed assets.

8. Inventory should be counted regularly to ensure that the recorded quantities match the actual stock on hand.

9. Fixed assets should be depreciated according to the applicable tax laws and accounting standards.

10. The fourth part of the document discusses the requirements for financial reporting and tax compliance.

11. Financial statements should be prepared on a timely basis and reviewed by a qualified professional.

12. Tax returns should be filed accurately and on time to avoid penalties and interest charges.

13. The fifth part of the document concludes with a summary of the key points and a final statement of intent.

14. It is the policy of the organization to maintain the highest standards of financial integrity and transparency.

15. All employees are expected to adhere to these guidelines and report any irregularities immediately.

16. The sixth part of the document provides a list of references and additional resources for further information.

17. These resources include relevant accounting standards, tax laws, and industry best practices.

18. The seventh part of the document contains a list of appendices and supporting documents.

19. These documents include sample forms, checklists, and detailed procedures for various transactions.

20. The eighth part of the document provides a list of contact information for the relevant departments.

21. This information includes the names and phone numbers of the accounting, finance, and operations teams.

22. The ninth part of the document contains a list of definitions for key terms used throughout the document.

23. These definitions ensure that all readers have a clear understanding of the terminology used in the document.

Job Site **PORT IRMIE**

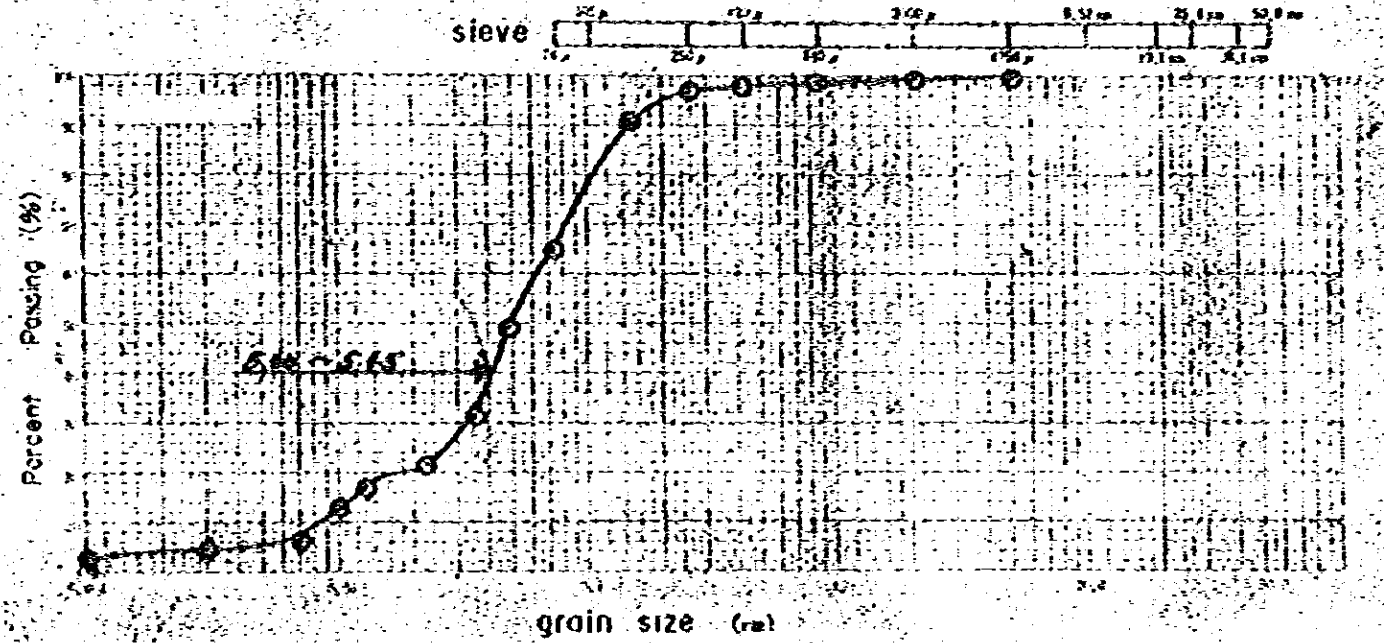
Date **6-23-81**

Sample No., Depth No. **BH-2 (5.0 ~ 5.45m)**

Technician **N. Prado**

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing.

Sample No., Depth		BH-2 (5.0 m ~ 5.45m)							Gs 2.50				
hydroplastic sieve	Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
	Weight Percent %						100	99.3	99.6	97.9	97.2	91.7	64.6
hydroplastic sieve	Grain size mm	0.7	0.35	0.25	0.15	0.10	0.07	0.03	0.01				
	Weight Percent %	49.8	31.1	20.8	16.6	12.5	6.2	4.1	2.1				



clay	silt	sand	gravel
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Sample No., Depth	No. BH-2 (5.0 ~ 5.45m)	No. m-m	Sample No., Depth	No. BH-2 (5.0 ~ 5.45m)	No. m-m
Grains in 4.75mm and larger	0	%	Max. grain size	4.76	mm
Grains in 4.75 ~ 2.0mm	0.7	%	60 % (grain size)	0.063	mm
Grains in 2 ~ 0.425mm	1.6	%	30 % (grain size)	0.033	mm
Grains in 0.425 ~ 0.075mm	33.3	%	10 % (grain size)	0.0082	mm
Silt (0.075 - 0.006mm)	38.6	%	Coefficient of uniformity	7.7	
Clay (less than 0.006mm)	0.9	%	Coefficient of curvature	2.1	
Percent by weight passing through 200 # sieve	99.3	%			
Percent by weight passing through 425 # sieve	97.9	%			
Percent by weight passing through No. 60 sieve	64.6	%			

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather qualitative information, as well as the application of statistical software for quantitative analysis.

3. The third part describes the process of identifying and measuring key performance indicators (KPIs). It highlights the need to select metrics that are directly related to the organization's strategic goals and to establish a baseline for comparison.

4. The fourth part details the implementation of a data management system. This involves the selection of a suitable software solution, the integration of data from various sources, and the establishment of protocols for data security and access control.

5. The fifth part discusses the importance of regular reporting and communication of findings. It stresses that data should be presented in a clear and concise manner, using visual aids such as charts and graphs to facilitate understanding.

6. The sixth part addresses the challenges and limitations of data analysis. It acknowledges that data can be incomplete, biased, or difficult to interpret, and it provides strategies to mitigate these issues.

7. The seventh part concludes by summarizing the key points and offering recommendations for future research and practice. It encourages a continuous and iterative approach to data analysis, recognizing that the field is constantly evolving.

Job Site **PORT (IRIG)**

Date **6-23-81**

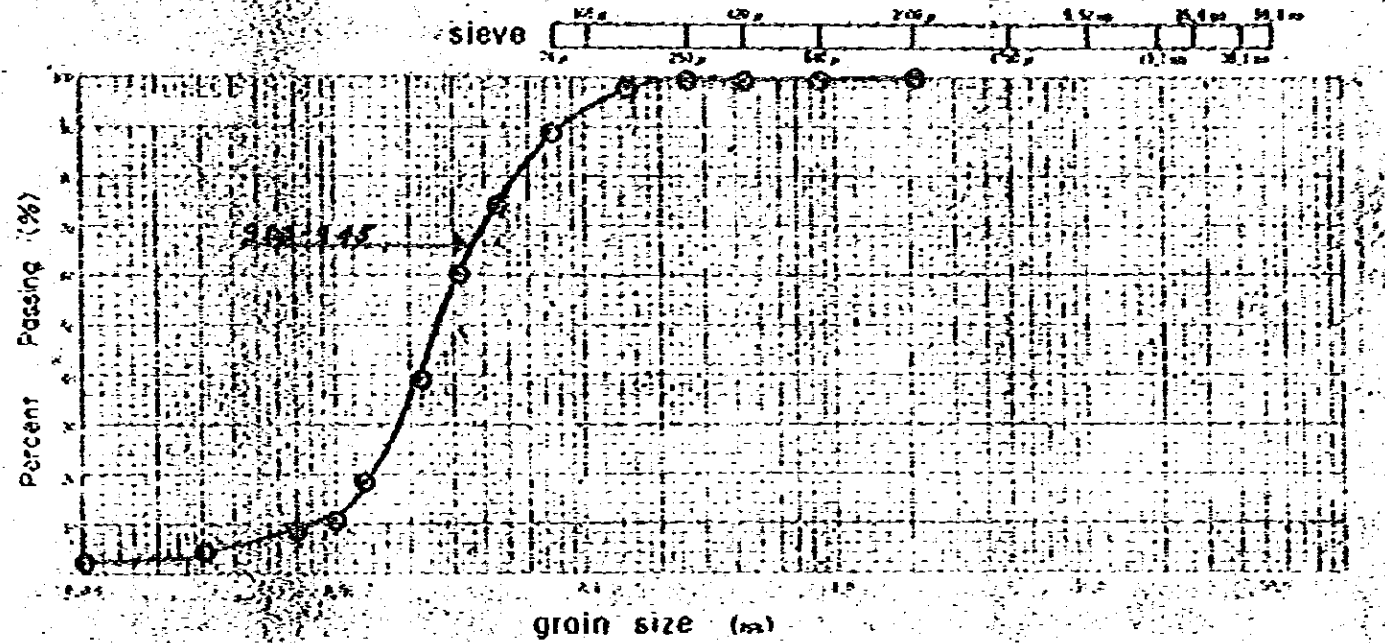
Sample No., Depth: No. **BH-2 (9.0 ~ 9.45 m)**

Technician **N. Prado**

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth	BH-2 (9.0 ~ 9.45 m)											Gs
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
Weight Percent %							100	99.8	99.3	99.1	98.1	89.2
Grain size mm	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Weight Percent %	74.1	60.2	39.4	18.7	10.4	8.3	4.2	2.1				

Sample No., Depth	( m ~ m )											Gs
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
Weight Percent %												
Grain size mm												
Weight Percent %												



Classification: **clay** (0.002 - 0.006 mm), **silt** (0.006 - 0.075 mm), **sand** (0.075 - 4.76 mm), **gravel** (4.76 - 50.8 mm)

Sample No., Depth	9.0 BH-2 ~ 9.45 m		Sample No., Depth		9.0 BH-2 ~ 9.45 m	
Grains in 4.76mm and larger	0	%	Max. grain size	2.00	mm	mm
Grains in 4.76 ~ 2mm	0	%	60 % (grain size)	0.032	mm	mm
Grains in 2 ~ 0.42mm	0.7	%	30 % (grain size)	0.018	mm	mm
Grains in 0.42 ~ 0.075mm	10.1	%	15 % (grain size)	0.008	mm	mm
Silt in 0.075 ~ 0.006mm	82.2	%	Coefficient of uniformity	4.0		
Clays less than 0.006mm	4.19	%	Coefficient of curvature	1.3		
Coarse less than 0.075mm	2.1	%				
Percent of soil passing through 200-µ sieve	100	%				
Percent by weight passing through 420-µ sieve	99.3	%				
Percent by weight passing through 75-µ sieve	89.2	%				

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Job Site

PORT OF IRENE

Date

6-23-81

Sample No., Depth: No.

BH-2 (12.0~12.65)

Technician

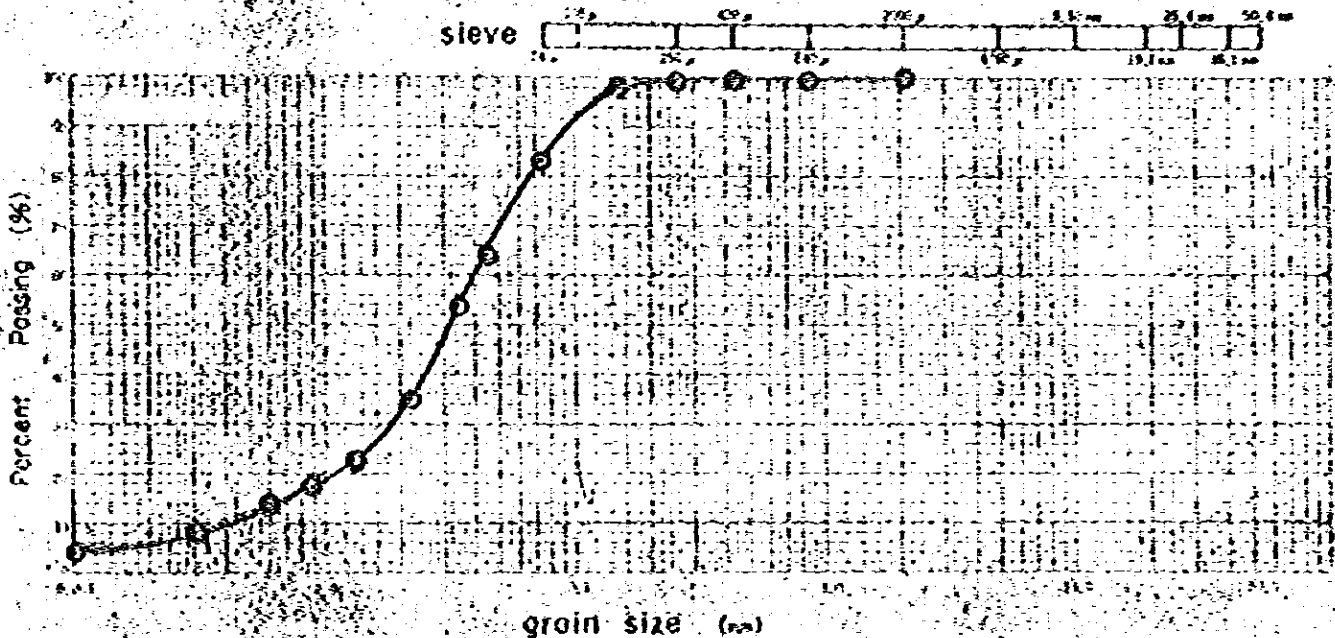
N. Prado

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

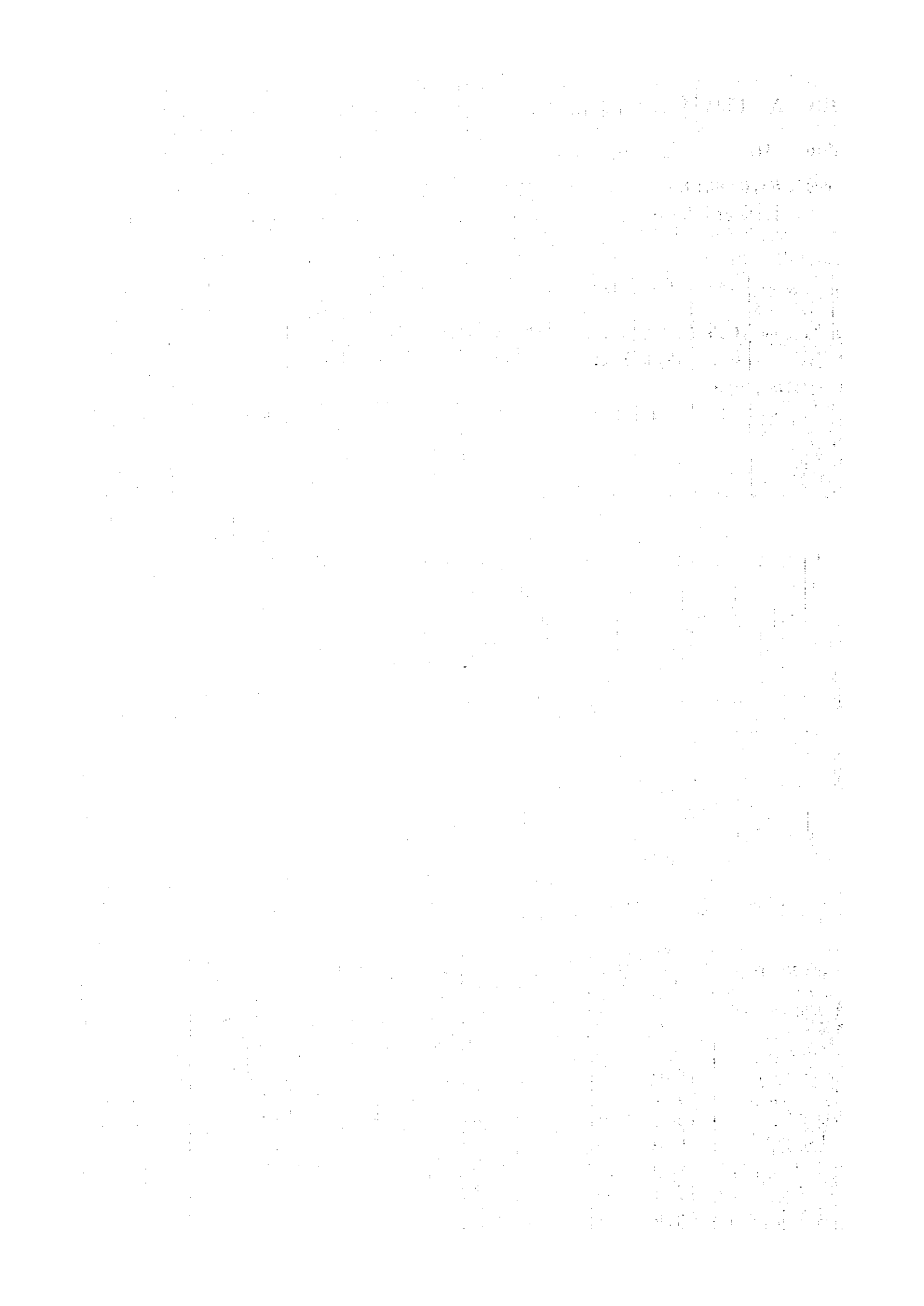
Sample No., Depth		BH-2 (12.0 m - 12.65 m)							Gs 2.49				
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.09	0.84	0.42	0.25	0.105	0.074	
Weight percent %							100	99.4	99.2	99.1	98.8	83.2	
Grain size mm	0.46	0.075	0.022	0.013	0.009	0.007	0.003	0.001					
Weight percent %	64.5	54.1	35.4	22.9	16.7	14.6	8.3	4.2					

Sample No., Depth		( m - m )							Gs				
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.09	0.84	0.42	0.25	0.105	0.074	
Weight percent %													
Grain size mm													
Weight percent %													



Category	clay	silt	sand	gravel
Sample No., Depth	BH-2 12.0 - 12.65			
Grains in 4.76mm and larger	0	%	%	
Grains in 4.76 - 2mm	0	%	%	
Grains in 2 - 0.42mm	0.8	%	%	
Grains in 0.42 - 0.075mm	16.0	%	%	
Silt in 0.075 - 0.006mm	71.2	%	%	
Clays less than 0.006mm	17.8	%	%	
Coarse less than 0.001mm	4.2	%	%	
Percent by weight passing through 2.0mm sieve	100	%	%	
Percent by weight passing through 0.425mm sieve	99.2	%	%	
Percent by weight passing through 0.075mm sieve	83.2	%	%	
Sample No., Depth	BH-2 12.0 - 12.65			
Max. grain size	2.00	mm	mm	
60 % (grain size)	0.04	mm	mm	
30 % (grain size)	0.018	mm	mm	
10 % (grain size)	0.0042	mm	mm	
Coefficient of uniformity	9.5			
Coefficient of curvature	1.9			





JIS A 1204

Method of Grain - Size Analysis of Soils

Report Form

Job Site: PORT O' IRENE

Date: 6-23-81

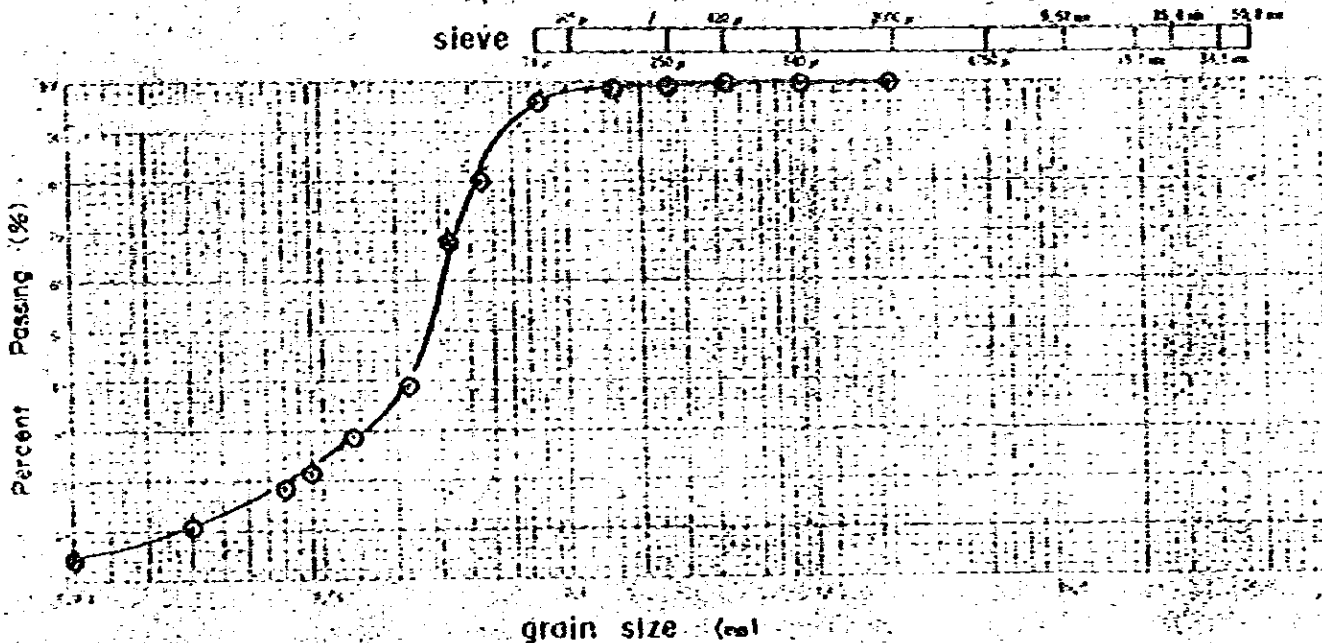
Sample No., Depth: No. BH-2 (15.0 ~ 15.45)

Technician: N. Prado

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth	BH-2 (15.0m ~ 15.45)											Gs	2.50
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074	
Weight Percent %							100	99.8	99.6	99.5	99.4	96.8	
Grain size mm	.044	.032	.022	.013	.009	.007	.003	.001					
Weight Percent %	80.9	68.1	39.4	29.1	20.8	18.7	10.4	4.2					

Sample No., Depth	( m ~ m )											Gs	
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074	
Weight Percent %													
Grain size mm													
Weight Percent %													



clay	silt	sand	gravel
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Sample No., Depth	No. BH-2	%	n	m	Sample No., Depth	No. BH-2	%	n	m
	15.0 ~ 15.45					15.0 ~ 15.45			
Grains in 4.75mm and larger	0	%			Max. grain size	2.00	mm		
Grains in 4.75 - 2mm	0	%			60 % (grain size)	.031	mm		
Grains in 2 - 0.425mm	0.4	%			30 % (grain size)	.015	mm		
Grains 0.425 - 0.075mm	2.8	%			10 % (grain size)	.0026	mm		
Silt in 0.075 - 0.006mm	80.8	%			Coefficient of uniformity	11.9			
Clays less than 0.006mm	11.8	%			Coefficient of curvature	2.8			
Gravel less than 0.001mm	4.2	%							
Percent by weight passing through 200mm sieve	100	%							
Percent by weight passing 75mm sieve	99.6	%							
Percent by weight passing 4.75mm sieve	96.8	%							

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Job, Site

PORT IRBNE

Date

6-23-81

Technician

H. Prado

Sample No., Depth	No. BH-2 (0.0 m - 9.4 m)	
Liquid limit Test		Plastic limit Test
No.	No. of blows	Moisture content %
1	10	48.0
2	18	46.2
3	25	45.8
4	38	44.6
5	50	43.8
		Average
Liquid limit %	Plastic limit %	Plasticity index %
45.6 %	24.0 %	21.6

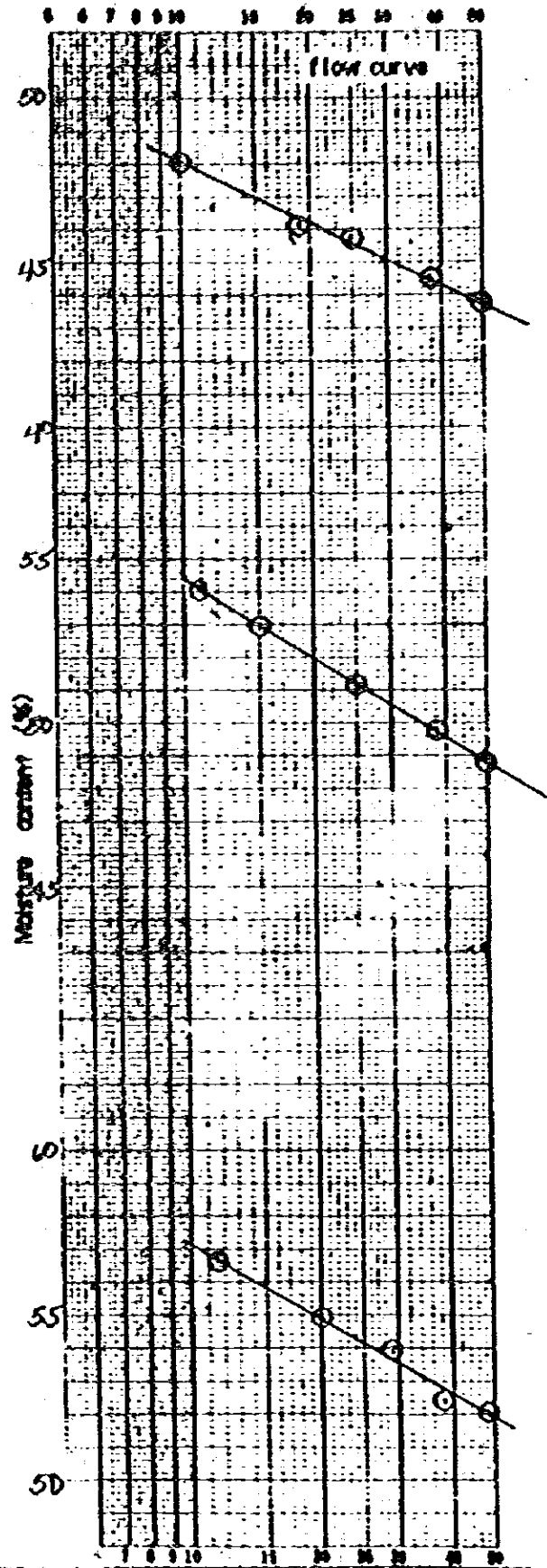
Remarks: describe preparation method of the sample and etc.

Sample No., Depth	No. BH-2 (12.0 - 12.65)	
Liquid limit Test		Plastic limit Test
No.	No. of blows	Moisture content %
1	13	51.1
2	15	53.1
3	25	52.2
4	38	49.8
5	50	48.8
		Average
Liquid limit %	Plastic limit %	Plasticity index %
51.6 %	23.5 %	28.1

Remarks: describe preparation method of the sample and etc.

Sample No., Depth	No. BH-2 (15.0 - 15.65)	
Liquid limit Test		Plastic limit Test
No.	No. of blows	Moisture content %
1	13	56.6
2	20	54.9
3	29	54.0
4	38	52.4
5	48	52.1
		Average
Liquid limit %	Plastic limit %	Plasticity index %
54.0 %	24.5 %	29.5

Remarks: describe preparation method of the sample and etc.



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. This section also touches upon the legal implications of failing to maintain such records, which can lead to severe consequences for individuals and organizations alike.

2. The second part of the document delves into the specific requirements for record-keeping, including the types of records that must be maintained and the frequency of updates. It provides a detailed overview of the various documents and data points that are necessary for a comprehensive record, ensuring that all relevant information is captured and stored securely.

3. The third part of the document addresses the challenges associated with record-keeping, such as data loss, corruption, and unauthorized access. It offers practical solutions and best practices to mitigate these risks, including the use of secure storage methods, regular backups, and access control protocols. This section is particularly valuable for organizations that handle sensitive information.

4. The fourth part of the document discusses the role of technology in record-keeping, highlighting the benefits of digital storage and management systems. It explores various software solutions and tools that can streamline the record-keeping process, improve data accuracy, and facilitate easy retrieval of information. This section also touches upon the importance of ensuring that digital records are compliant with relevant regulations.

5. The fifth part of the document provides a summary of the key points discussed throughout the document, reinforcing the importance of record-keeping and the steps that should be taken to ensure compliance. It serves as a final reminder of the critical nature of this task and the potential consequences of neglecting it.

6. The sixth part of the document offers additional resources and references for further information on record-keeping practices. It includes links to relevant laws, regulations, and industry standards, as well as contact information for experts and consultants who can provide more detailed guidance on this subject.

7. The seventh part of the document discusses the importance of regular audits and reviews of records to ensure their accuracy and integrity. It outlines the steps involved in conducting an audit, from identifying the scope of the review to the final reporting and corrective actions. This section is crucial for organizations that want to maintain a high level of transparency and accountability.

8. The eighth part of the document addresses the issue of data retention and disposal, providing guidance on how long records should be kept and the proper methods for securely deleting them. It emphasizes the importance of following legal requirements and industry best practices to avoid any potential legal issues related to data handling.

9. The ninth part of the document discusses the role of record-keeping in disaster recovery and business continuity planning. It highlights the importance of having up-to-date and accessible records in the event of a disaster, and provides strategies for ensuring that records are protected and can be quickly restored when needed.

10. The tenth part of the document provides a final conclusion, summarizing the key takeaways and emphasizing the ongoing nature of record-keeping. It encourages organizations to stay vigilant and committed to maintaining accurate and secure records as a fundamental part of their operations.

11. The eleventh part of the document offers a list of frequently asked questions (FAQs) related to record-keeping, providing clear and concise answers to common concerns. This section is designed to help readers quickly find the information they need and address any remaining questions they may have.

<b>JIS A 1202</b>	<b>Determination of the Specific Gravity of Soil</b>	<b>Reporting paper</b>
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Job, Site PORT IRENE Date 6-19-81

Technician H. Prado

Sample No., Depth		No. BH-2 (2.0m~2.4m)			No. BH-2 (9.0m~9.4m)		
Test	No.	1	2	3	1	2	3
Pycnometer	No.	65	44	89	50	43	49
Weight of pycnometer + oven dried soil (wet soil) + water	Wb	152.27	157.33	155.64	156.75	160.98	151.88
Temperature of content when Wb is made		8 °C	8 °C	8 °C	8 °C	8 °C	8 °C
W. of oven dried soil in pycnometer.	container No.						
	Weight (container + dried soil) g						
	W <sub>c</sub> g	15.0	15.0	15.0	15.0	15.0	15.0
① Converted weight of T°C (container + distilled water)	W <sub>a</sub> g	143.03	148.06	146.40	147.77	151.95	142.85
W <sub>a</sub> + (W <sub>c</sub> - W <sub>s</sub> ) g		5.76	5.73	5.76	6.02	5.97	5.97
Specific Gravity at T°C $\frac{W_a}{W_s + (W_c - W_s)}$		2.60	2.61	2.60	2.49	2.51	2.51
② Compensation coefficient K		1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
Specific Gravity at 15°C $\frac{W_a}{W_s + (W_c - W_s)} \times K$		2.60	2.61	2.60	2.49	2.51	2.51
Average Value		G <sub>s</sub> (T°C/15°C) = 2.60 g/cm <sup>3</sup>			G <sub>s</sub> (T°C/15°C) = 2.50 g/cm <sup>3</sup>		
Remarks							

(Note) ① is obtained from attached inspection table of pycnometer ② is from JIS.

Sample No., Depth		No. BH-2 (12.0m~12.4m)			No. BH-2 (15.0m~15.4m)		
Test	No.	1	2	3	1	2	3
Pycnometer	No.	45	95	59	73	55	67
Weight of pycnometer + oven dried soil (wet soil) + water	Wb	158.50	157.74	157.32	164.38	160.26	151.69
Temperature of content when Wb is made		8 °C	8 °C	8 °C	8 °C	8 °C	8 °C
W. of oven dried soil in pycnometer.	container No.						
	Weight (container + dried soil) g						
	W <sub>c</sub> g	15.0	15.0	15.0	15.0	15.0	15.0
① Converted weight of T°C (container + distilled water)	W <sub>a</sub> g	149.5	148.50	148.4	155.31	151.22	142.77
W <sub>a</sub> + (W <sub>c</sub> - W <sub>s</sub> ) g		6.00	6.01	6.08	5.93	5.96	6.08
Specific Gravity at T°C $\frac{W_a}{W_s + (W_c - W_s)}$		2.50	2.50	2.47	2.52	2.52	2.47
② Compensation coefficient K		1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
Specific Gravity at 15°C $\frac{W_a}{W_s + (W_c - W_s)} \times K$		2.50	2.50	2.47	2.52	2.52	2.47
Average Value		G <sub>s</sub> (T°C/15°C) = 2.49 g/cm <sup>3</sup>			G <sub>s</sub> (T°C/15°C) = 2.50 g/cm <sup>3</sup>		
Remarks							

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial reporting and auditing. The text notes that without reliable records, it becomes difficult to track income, expenses, and assets, which can lead to errors and potential legal issues.

2. The second section focuses on the role of technology in modern record-keeping. It highlights how digital tools and software solutions have revolutionized the way data is stored, accessed, and analyzed. Cloud-based systems offer the advantage of real-time updates and secure storage, while data analytics software can provide valuable insights into spending patterns and budget adherence. However, the text also cautions against over-reliance on technology, stressing the need for robust security protocols and regular data backups to prevent loss or unauthorized access.

3. The third part of the document addresses the challenges of data management and retention. It discusses the growing volume of data generated by organizations and the associated costs of storage and maintenance. The text explores various strategies for data archiving and retention, including the use of tiered storage systems and the implementation of data lifecycle policies. It also touches upon the legal requirements for data retention, particularly in regulated industries, and the importance of ensuring that data is kept for the appropriate duration and in a secure manner.

4. The final section of the document provides a summary of key takeaways and offers practical advice for implementing effective record-keeping practices. It encourages organizations to conduct regular audits of their record-keeping processes, to stay updated on the latest industry standards and regulations, and to foster a culture of data integrity and transparency. The text concludes by emphasizing that while record-keeping may seem like a mundane task, it is a critical component of sound business management and risk mitigation.

Job, Site PORT · IRENE Date 6-19-81

Technician N. Prado

Sample No., Depth	No. BH-2 (5.0m-5.4m)			No. ( m ~ m )		
Test No.	1	2	3	1	2	3
Pycnometer No.	52	47	38			
Weight of pycnometer + oven dried soil (wet soil) + water Wb g	156.95	154.53	158.96			
Temperature of content when Wb is made	8 °C	8 °C	8 °C			
W. of oven dried soil in pycnometer.	container No.					
	Weight (container + dried soil) g					
	Wt of container g					
	W <sub>1</sub> g	15.0	15.0	15.0		
① Converted weight of T°C (container + distilled water) W <sub>a</sub> g	147.98	145.5	149.5			
W <sub>2</sub> + (W <sub>1</sub> - W <sub>2</sub> ) g	6.03	5.97	5.98			
Specific Gravity of T°C: $\frac{W_2}{W_2 + (W_1 - W_2)}$	2.49	2.51	2.50			
② Compensation coefficient K	1.0007	1.0007	1.0007			
Specific Gravity of 15°C: $\frac{W_2}{W_2 + (W_1 - W_2)} \times K$	2.49	2.51	2.50			
Average Value	G <sub>s</sub> (T°C/15°C) = 2.50 g/cm <sup>3</sup>			G <sub>s</sub> (T°C/15°C) = g/cm <sup>3</sup>		
Remarks						

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS.

Sample No., Depth	No. ( m ~ m )			No. ( m ~ m )		
Test No.	1	2	3	1	2	3
Pycnometer No.						
Weight of pycnometer + oven dried soil (wet soil) + water Wb g						
Temperature of content when Wb is made						
W. of oven dried soil in pycnometer.	container No.					
	Weight (container + dried soil) g					
	Wt of container g					
	W <sub>1</sub> g					
① Converted weight of T°C (container + distilled water) W <sub>a</sub> g						
W <sub>2</sub> + (W <sub>1</sub> - W <sub>2</sub> ) g						
Specific Gravity of T°C: $\frac{W_2}{W_2 + (W_1 - W_2)}$						
② Compensation coefficient K						
Specific Gravity of 15°C: $\frac{W_2}{W_2 + (W_1 - W_2)} \times K$						
Average Value	G <sub>s</sub> (T°C/15°C) = g/cm <sup>3</sup>			G <sub>s</sub> (T°C/15°C) = g/cm <sup>3</sup>		
Remarks						

(Note) ① is obtained from attached inspection table of pycnometer. ② is from JIS

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice to ensure transparency and accountability.

2. In the second section, the author outlines the various methods used for data collection and analysis. This includes both primary and secondary research techniques, as well as the use of statistical software to process large datasets.

3. The third section provides a detailed overview of the findings from the study. It highlights key trends and patterns observed in the data, as well as the implications of these findings for the industry and future research.

4. Finally, the document concludes with a series of recommendations based on the research results. These suggestions are aimed at improving operational efficiency, reducing costs, and enhancing the overall quality of the services provided.



# Unconfined Compression Test

Reporting  
paper

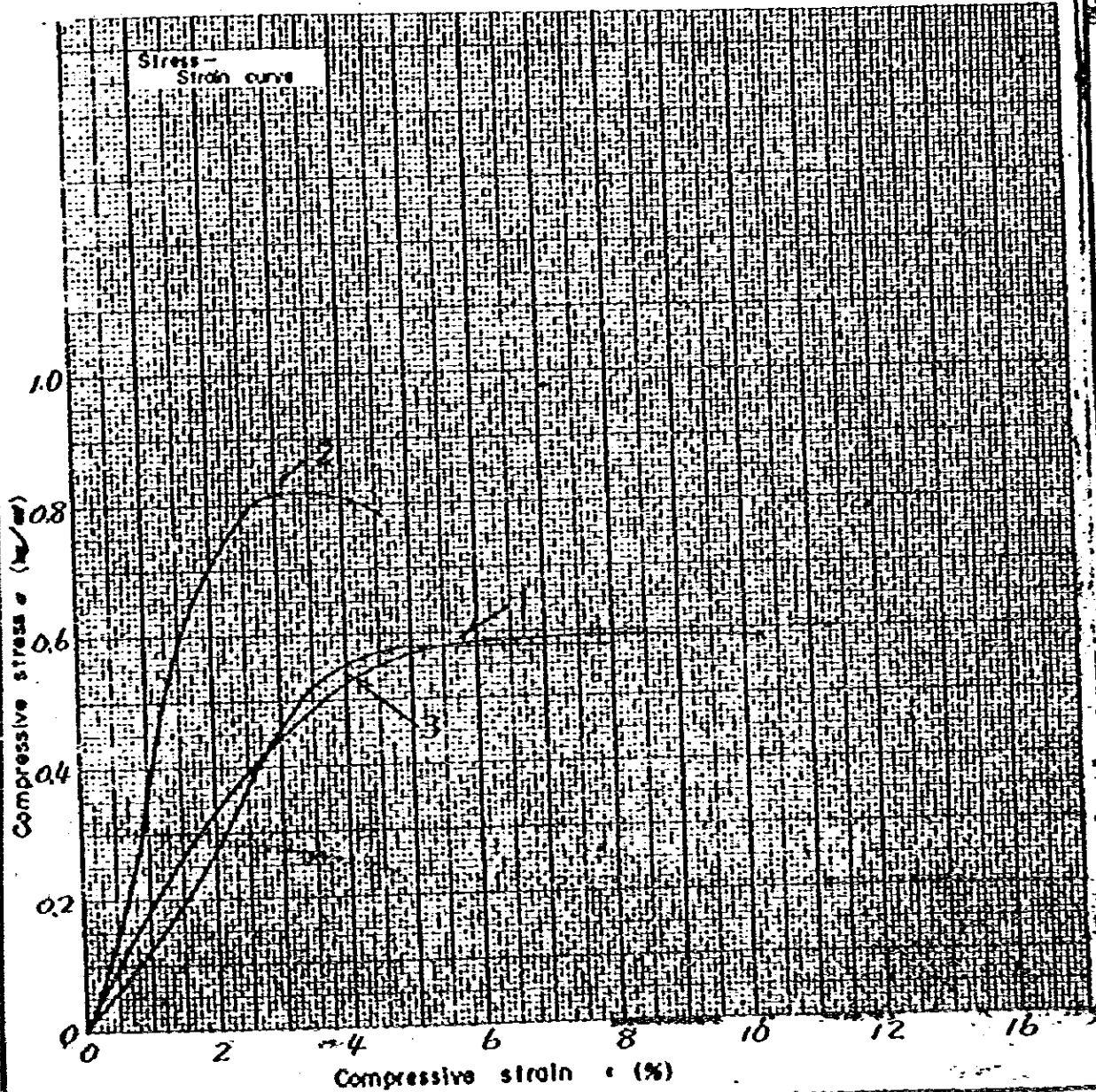
Job, Site PORT IRENE Date Jun 10, 1981

Sample No., Depth: No BH - 2 (12,00m ~ 12,800) Technician J. MANUEL

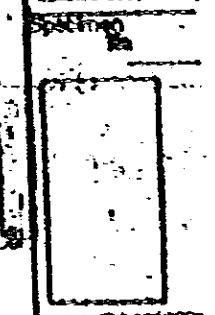
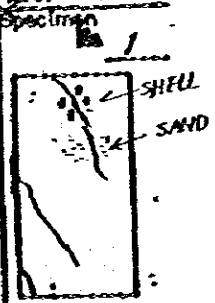
Soil classification \_\_\_\_\_ Gravity of soil  $G_s$  2.49  $g/cm^3$  Plasticity Index 1

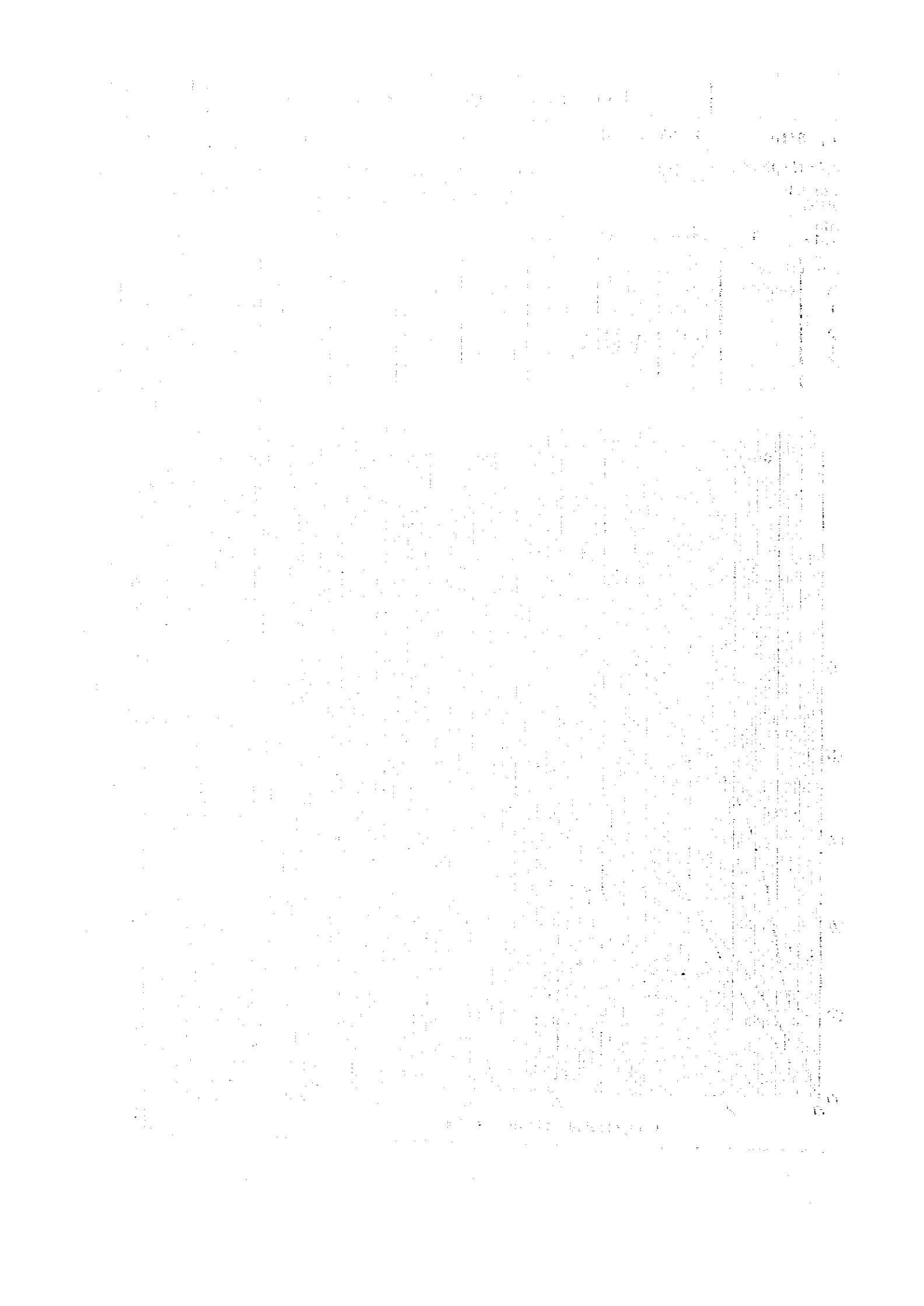
Strain rate 1 %/min Load gage : No \_\_\_\_\_ Load gage capacity 0.036 kg

Specimen No	Sample condition	Size (cm)		$\gamma$ (kg/cm <sup>3</sup> )	w (%)	e	S <sub>v</sub> (%)	$\rho_s$ (kg/cm <sup>3</sup> )	d (%)	$\rho_w$ (kg/cm <sup>3</sup> )	$\sigma_c$
		H	D								
1		8.75	3.53	1.62	45.5	1.24		0.589	12.6	10.9	
2		8.75	3.54	1.58	45.5	1.29		0.815	3.43	33.9	
3		8.76	3.52	1.64	45.5	1.21		0.611	10.3	16.9	



Sketch of specimen after failure.



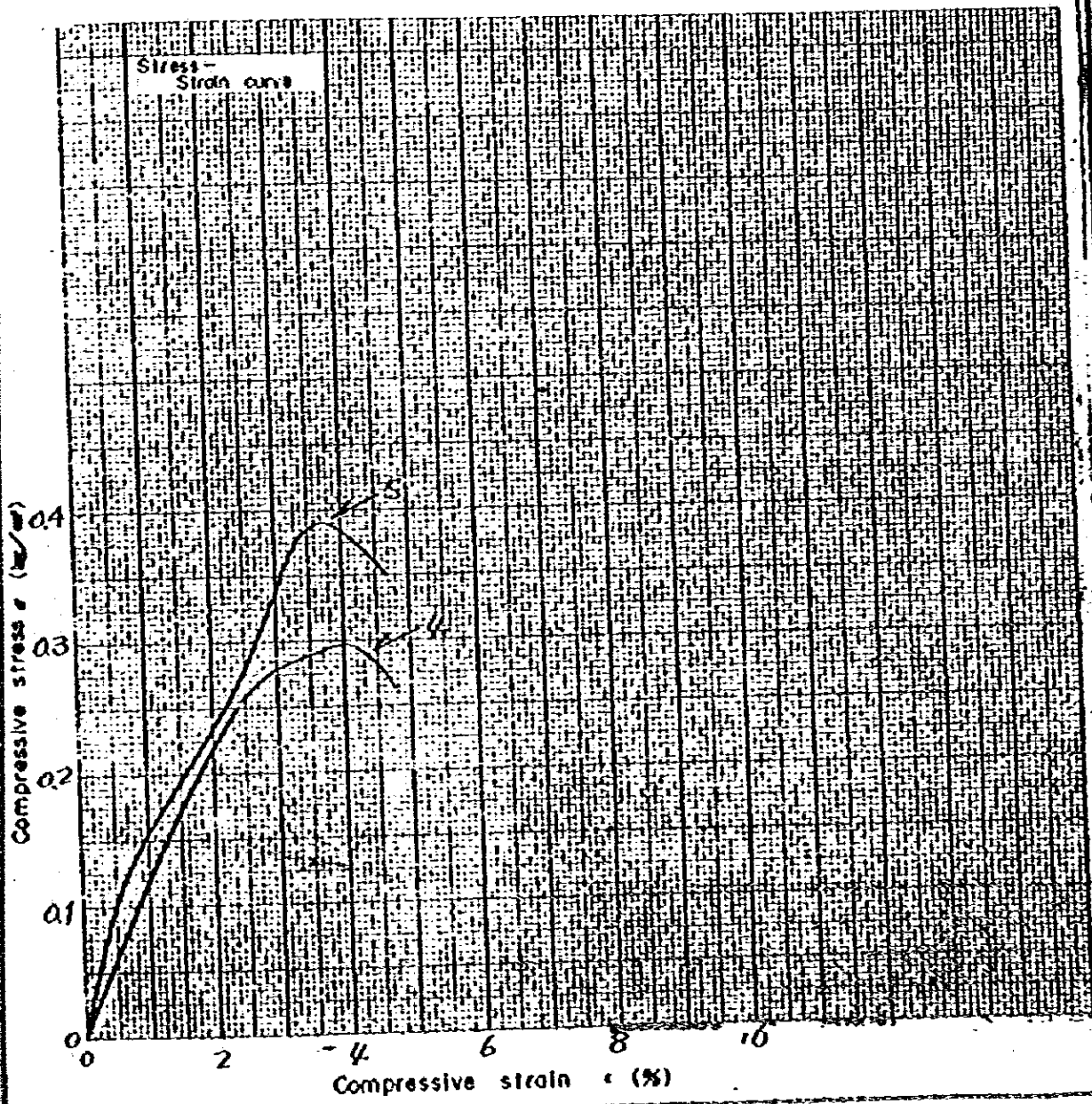


# Unconfined Compression Test

Reporting  
paper

Job, Site: PORT IRENE      BH - 2      Date: Jun 10, 1981  
 Sample No., Depth: No 12.00 m - 12.80m      Technician: V. MANUEL  
 Soil classification: \_\_\_\_\_      Gravity of soil G: 2.49       $\text{g/cm}^3$       Plasticity index: 1  
 Strain rate: 1 %/min      Load gage: No \_\_\_\_\_      Load gage capacity: 0.036 kg

Specimen No	Sample condition	Size (cm)		$\gamma$ (g/cc)	w (%)	e	S (%)	$\sigma_c$ (kg/cm <sup>2</sup> )	c (%)	$\sigma_{cu}$ (kg/cm <sup>2</sup> )	R <sub>u</sub>
		H	D								
4		8.74	3.53	1.62	57.8	1.43		0.294	4.11	11.3	
5		8.75	3.52	1.62	57.8	1.43		0.356	3.66	13.7	



Sketch of specimen after failure.

Specimen 4

Specimen 5

Specimen \_\_\_\_\_

Specimen \_\_\_\_\_

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial data and for providing a clear audit trail. The records should be kept up-to-date and should be accessible to all relevant parties.

2. The second part of the document outlines the procedures for handling incoming payments. It is important to ensure that all payments are recorded correctly and that any discrepancies are identified and resolved promptly. The procedures should be clear and consistent, and should be followed by all staff members.

3. The third part of the document describes the process for issuing invoices. Invoices should be issued promptly and accurately, and should be clearly legible. It is important to ensure that all invoices are properly filed and that any outstanding payments are tracked.

4. The fourth part of the document discusses the process for reconciling the accounts. This involves comparing the company's records with the bank statements and ensuring that they match. Any differences should be investigated and resolved.

5. The fifth part of the document outlines the process for preparing the financial statements. These statements should be prepared accurately and on time, and should provide a clear and concise summary of the company's financial performance.

6. The sixth part of the document describes the process for managing the company's assets. This includes ensuring that all assets are properly recorded and that they are protected from loss or theft. It also involves regular physical counts and reconciling the records with the actual assets.

7. The seventh part of the document discusses the process for handling expenses. Expenses should be recorded accurately and supported by appropriate documentation. It is important to ensure that all expenses are properly categorized and that any unauthorized expenses are identified and prevented.

8. The eighth part of the document outlines the process for managing the company's liabilities. This involves ensuring that all liabilities are properly recorded and that they are paid on time. It also involves monitoring the company's debt levels and ensuring that they are within acceptable limits.

9. The ninth part of the document discusses the process for managing the company's cash flow. This involves monitoring the company's cash position and ensuring that there is always enough cash to meet the company's needs. It also involves identifying and managing any cash flow risks.

10. The tenth part of the document outlines the process for managing the company's tax obligations. This involves ensuring that all taxes are properly calculated and paid on time. It also involves keeping up-to-date with any changes in tax laws and regulations.

11. The eleventh part of the document discusses the process for managing the company's payroll. This involves ensuring that all employees are paid accurately and on time, and that all payroll taxes are properly withheld and paid.

12. The twelfth part of the document outlines the process for managing the company's inventory. This involves ensuring that all inventory is properly recorded and that it is protected from loss or theft. It also involves regular physical counts and reconciling the records with the actual inventory.

13. The thirteenth part of the document discusses the process for managing the company's fixed assets. This involves ensuring that all fixed assets are properly recorded and that they are depreciated correctly. It also involves regular physical counts and reconciling the records with the actual fixed assets.

14. The fourteenth part of the document outlines the process for managing the company's intangible assets. This involves ensuring that all intangible assets are properly recorded and that they are protected from loss or theft. It also involves regular physical counts and reconciling the records with the actual intangible assets.

15. The fifteenth part of the document discusses the process for managing the company's financial risks. This involves identifying and measuring the company's financial risks and ensuring that they are managed effectively. It also involves developing and implementing risk management strategies.

16. The sixteenth part of the document outlines the process for managing the company's credit risk. This involves ensuring that all credit sales are properly recorded and that the company's credit policy is followed. It also involves monitoring the company's credit exposure and ensuring that it is within acceptable limits.

17. The seventeenth part of the document discusses the process for managing the company's liquidity risk. This involves ensuring that the company has enough liquid assets to meet its short-term obligations. It also involves monitoring the company's liquidity position and ensuring that it is within acceptable limits.

18. The eighteenth part of the document outlines the process for managing the company's solvency risk. This involves ensuring that the company is able to meet its long-term obligations. It also involves monitoring the company's solvency position and ensuring that it is within acceptable limits.

19. The nineteenth part of the document discusses the process for managing the company's operational risk. This involves identifying and measuring the company's operational risks and ensuring that they are managed effectively. It also involves developing and implementing risk management strategies.

20. The twentieth part of the document outlines the process for managing the company's strategic risk. This involves identifying and measuring the company's strategic risks and ensuring that they are managed effectively. It also involves developing and implementing risk management strategies.

# Unconfined Compression Test

Reporting  
paper

Job, Site PORT IRRAWADDI Date Jun 10, 1981

Sample No., Depth: No BH - 2 (5.00 m - 5.75 m) Technician V. MANUEL

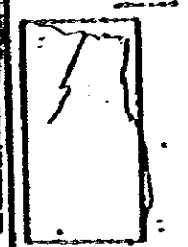
Soil classification Gravily of soil G<sub>c</sub> 2.50 Plasticity Index 1

Strain rate 1 %/min Load gage : No \_\_\_\_\_ Load gage capacity 0.036 kg

Specimen No	Sample condition	Size (cm)		$\gamma$ (kg/cm <sup>3</sup> )	w (%)	e	S <sub>v</sub> (%)	$\sigma_c$ (kg/cm <sup>2</sup> )	c (%)	$\sigma_{cu}$ (kg/cm <sup>2</sup> )	S
		H	D								
1		8.76	3.54	1.63	55.6	1.39		1.05	3.4	30.9	
2		8.76	3.57	1.64	55.6	1.38		1.18	2.3	62.1	
3		8.74	3.58	1.62	55.6	1.40		1.34	2.5	58.3	

Sketch of specimen after failure.

Specimen No 1



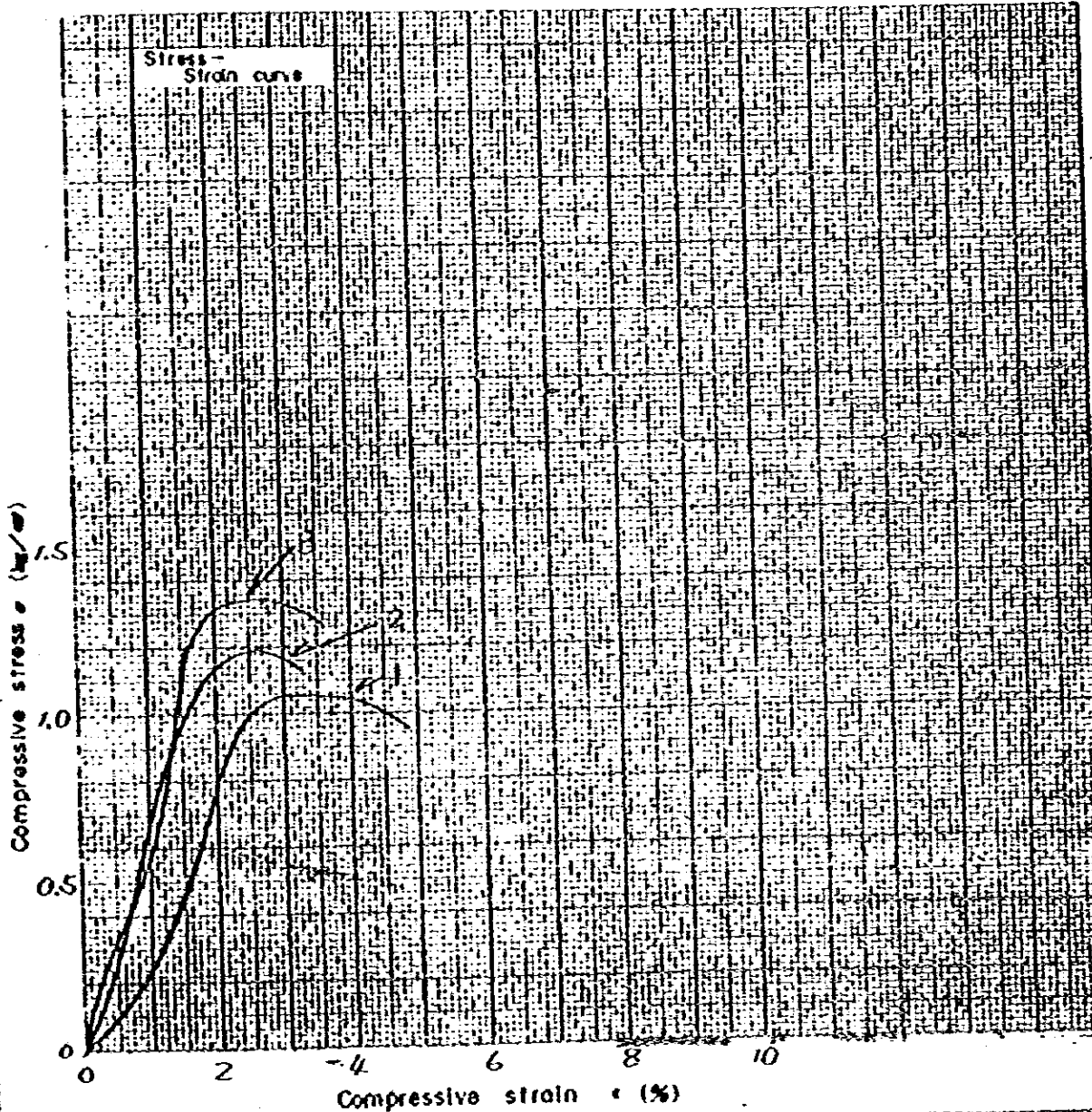
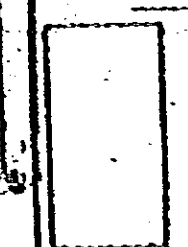
Specimen No 2

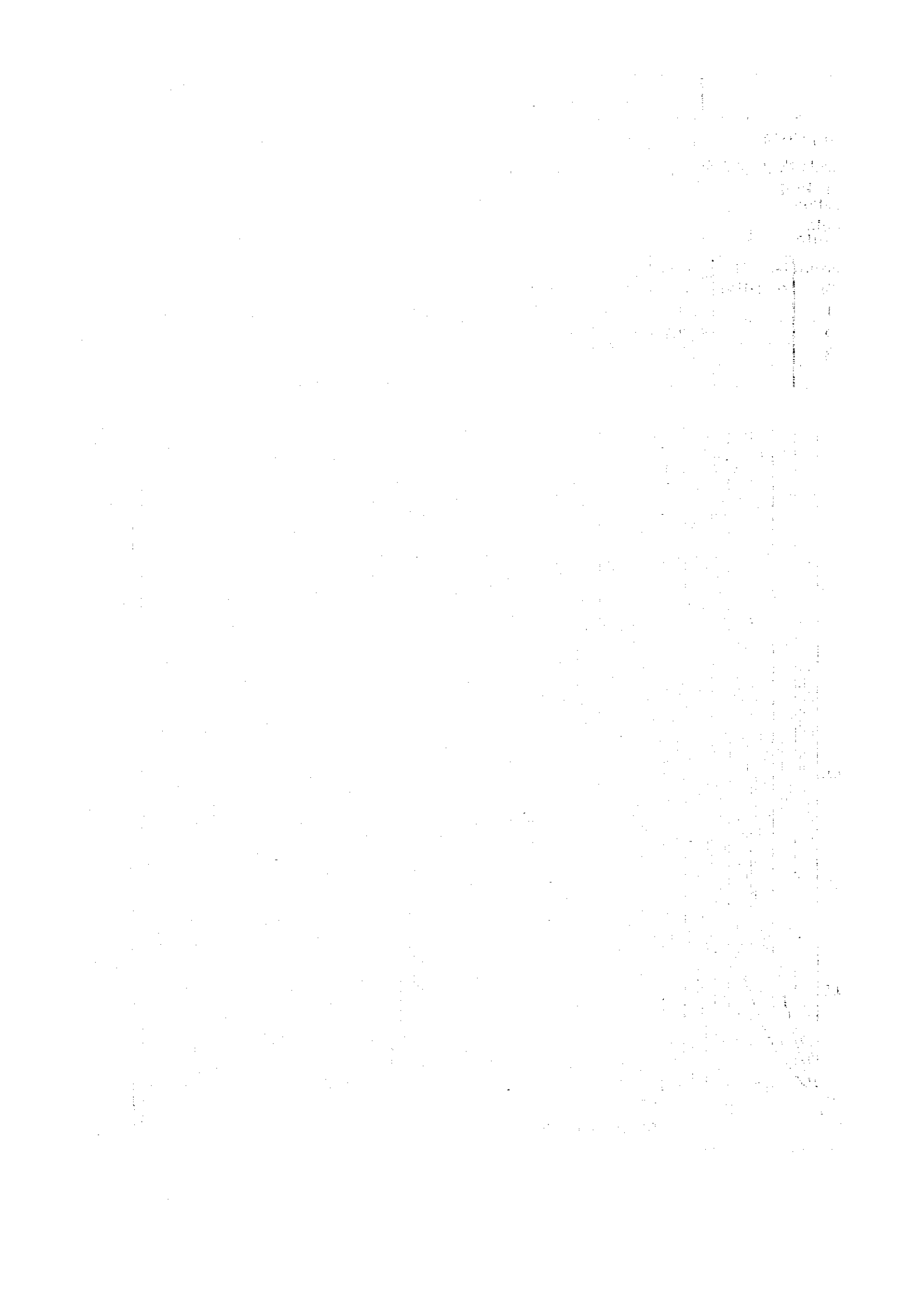


Specimen No 3



Specimen No \_\_\_\_\_





# Unconfined Compression Test

Reporting  
paper

Job, Site PORT IRENE

Date Jun 10, 1981

Sample No., Depth: No BH- 2 (15.00m ~ 15.75m)

Technician V. MANUEL

Soil classification

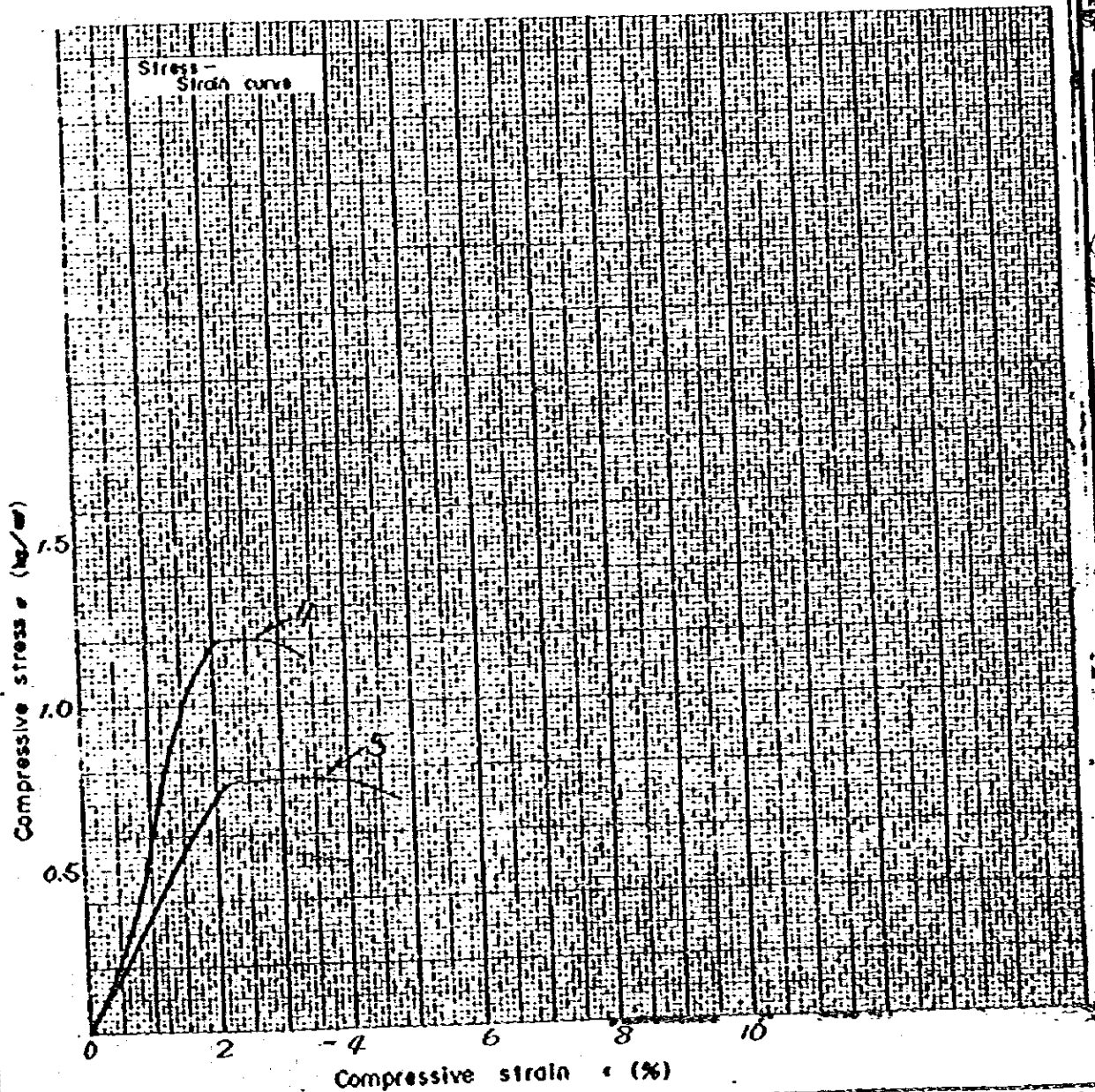
Gravity of soil  $G_s$  2.50  $\text{g/cm}^3$

Plasticity Index 1

Strain rate 1 %/min · Load gage : No

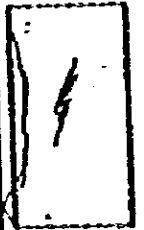
Load gage capacity 0.036 kg

Specimen No	Sample condition	Size (cm)		$\gamma$ (g/cm <sup>3</sup> )	w (%)	e	S <sub>v</sub> (%)	$\eta$ (kg/cm <sup>2</sup> )	r (%)	F <sub>m</sub> (kg/cm <sup>2</sup> )	S <sub>u</sub>
		H	D								
4		8.75	3.54	1.65	55.6	1.36		1.20	2.3	60.1	
5		8.75	3.55	1.60	55.6	1.43		0.77	3.0	30.8	



Sketch of specimen after failure.

Specimen No 4



Specimen No



Specimen No



Specimen No



1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.

2. The second part of the document outlines the specific procedures for recording transactions. It details the steps from identifying a transaction to entering it into the accounting system, ensuring that all necessary information is captured and verified.

3. The third part of the document addresses the role of the accounting department in monitoring and controlling the company's financial performance. It discusses how regular reviews and audits can help identify potential issues and ensure compliance with applicable laws and regulations.

4. The fourth part of the document focuses on the importance of transparency and communication in financial reporting. It stresses that clear and concise reports are essential for building trust and making informed decisions. It also highlights the need for timely reporting to allow for prompt action if necessary.

5. The fifth part of the document discusses the challenges of financial reporting and offers strategies to overcome them. It addresses issues such as data accuracy, system integration, and the complexity of financial data, providing practical advice on how to manage these challenges effectively.

6. The sixth part of the document concludes by summarizing the key points and reiterating the importance of a strong financial reporting system. It encourages the company to continue to improve its processes and maintain the highest standards of accuracy and integrity.

7. The seventh part of the document provides a detailed overview of the company's financial performance over the past year. It includes a comprehensive analysis of revenue, expenses, and profit, along with a comparison to the previous year and industry benchmarks.

8. The eighth part of the document discusses the company's financial outlook for the coming year. It outlines the key financial goals and the strategies that will be implemented to achieve them, taking into account the current market conditions and the company's internal capabilities.

9. The ninth part of the document addresses the company's risk management strategy. It identifies the major financial risks and describes the measures that will be taken to mitigate them, ensuring the company's long-term sustainability and growth.

10. The tenth part of the document provides a final summary and a call to action. It encourages all employees to take ownership of their financial reporting responsibilities and to work together to ensure the company's financial success.



Job Site **PORT TRENB**

Date **6-23-81**

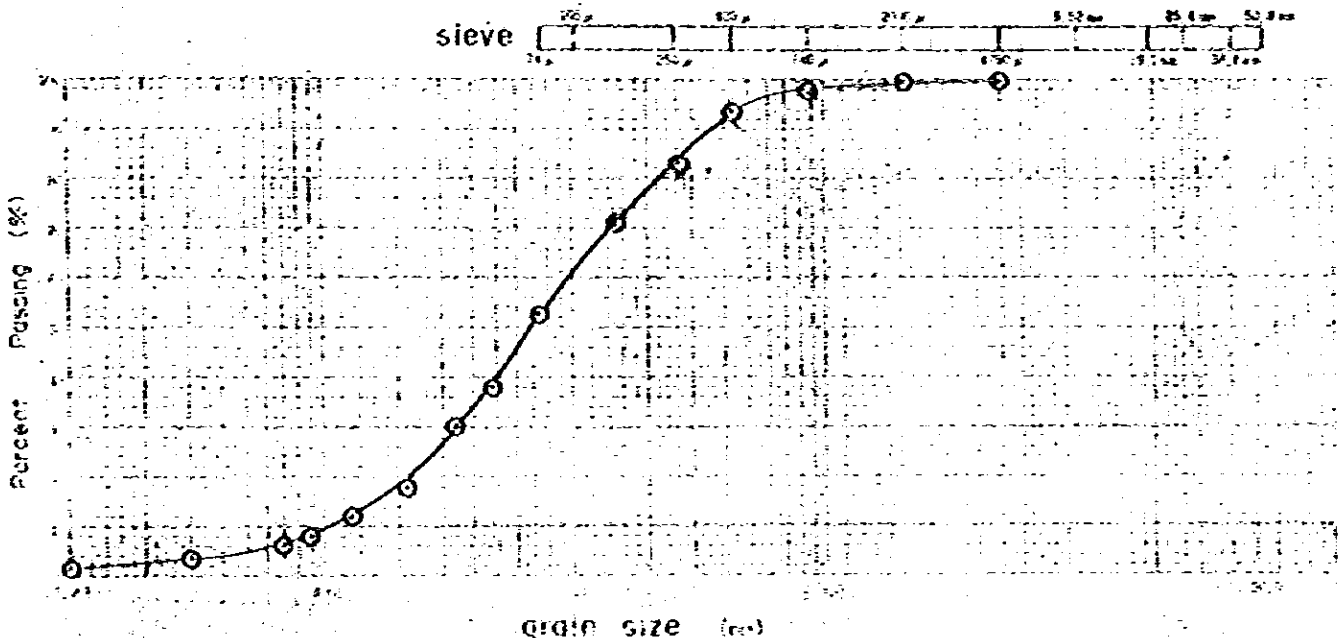
Sample No., Depth: No. **BH-3 (5.0 ~ 5.45m)**

Technician **N. Prado**

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth	BH-3 (5.0 ~ 5.45 m)											Gs	2.61	
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074		
Weight Percent %						1.00	99.1	97.9	93.9	83.9	71.5	53.8		
Grain size mm	.075	.050	.030	.020	.015	.0075	.00375	.0015	.00075					
Weight Percent %	38.3	30.3	18.2	12.1	8.1	6.1	4.0	2.0						

Sample No., Depth	( m ~ m )											Gs		
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074		
Weight Percent %														
Grain size mm														
Weight Percent %														



clay                      silt                      sand                      gravel

Sample No., Depth	BH-3		Sample No., Depth	BH-3	
	5.0 ~ 5.45			5.0 ~ 5.45	
Grains in 4.76mm or larger	0	%	Max. grain size	4.76	mm
Grains in 4.76 ~ 2mm	0.9	%	60 (grain size)	.1	mm
Grains in 2 ~ 0.425mm	5.2	%	30 (grain size)	.034	mm
Grains in 0.425 ~ 0.25mm	40.1	%	10 (grain size)	.01	mm
Grains in 0.25 ~ 0.075mm	48.8	%	Coefficient of uniformity	10.0	
Grains in 0.075mm	3.0	%	Coefficient of gradation	1.2	
Grains finer than 0.075mm	2.0	%			
Percent finer than 75µm	99.1	%			
Percent finer than 60µm	93.9	%			
Percent finer than 4.76mm	53.8	%			







JIS A 1204

Method of Grain - Size Analysis of Soils

Report Form

Job Site **PORT IRENS**

Date **6-23-81**

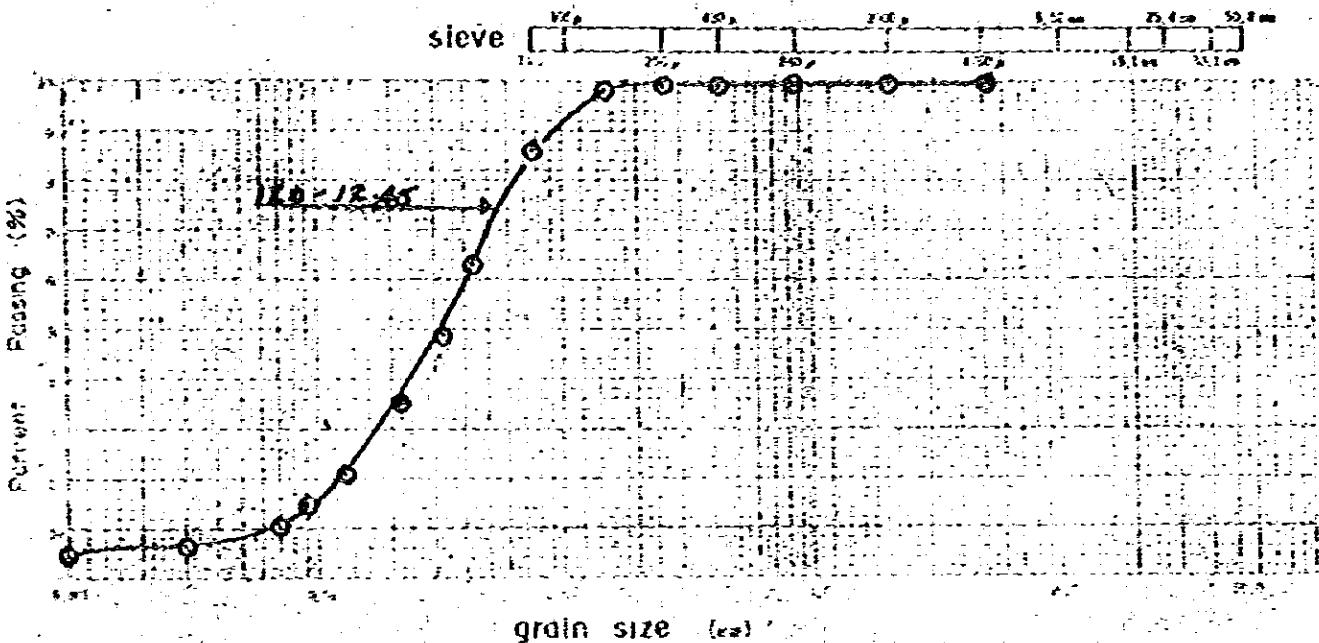
Sample No., Depth: No. **BH-3 (12.0m ~ 12.45)**

Technician **N. Prado**

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth	BH-3 (12.0m ~ 12.45)											Gs
Grain size no	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
Weight Percent %						100	99.7	99.5	99.2	98.9	98.7	86.1
Grain size mm	.044	.033	.022	.013	.009	.007	.003	.001				
Weight Percent %	63.6	49.2	35.1	20.5	14.4	10.3	6.2	4.1				

Sample No., Depth	( m ~ m )											Gs
Grain size no	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074
Weight Percent %												
Grain size mm												
Weight Percent %												



clay                      silt                      sand                      gravel

Sample No., Depth	No. BH-3 12.0 ~ 12.45	No.	Sample No., Depth	No. BH-3 12.0 ~ 12.45	No.
Grains in 4.75mm and larger	0	%	Max. grain size	4.76	mm
Grains in 4.75 & 2.0mm	0.3	%	89 % (grain size)	.041	mm
Grains in 2.0 & 0.425mm	0.5	%	36 % (grain size)	.017	mm
Grains in 0.425 & 0.25mm	13.1	%	10 % (grain size)	.0063	mm
Silt in 0.075 - 0.0075mm	78.1	%	Coefficient of uniformity	6.5	
Clay less than 0.0075mm	3.9	%	Coefficient of curvature	1.12	
Sand less than 0.075mm	4.1	%			
Grains in 0.075mm passing	99.7	%			
Grains in 0.15mm passing	99.2	%			
Grains in 0.3mm passing	98.9	%			
Grains in 0.6mm passing	98.7	%			
Grains in 1.2mm passing	86.1	%			

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather qualitative information, as well as the application of statistical software for quantitative analysis.

3. The third part details the process of identifying and measuring key performance indicators (KPIs). It explains how these indicators are selected based on the organization's strategic goals and how they are used to monitor progress and identify areas for improvement.

4. The fourth part describes the implementation of a data-driven decision-making framework. This involves establishing a clear process for how data is reviewed and used to inform strategic and operational decisions at all levels of the organization.

5. The fifth part discusses the challenges and risks associated with data management and analysis. These include issues such as data quality, privacy concerns, and the potential for misinterpretation of data, and offers strategies to mitigate these risks.

6. The sixth part provides a summary of the findings and conclusions of the study. It highlights the key insights gained from the data and offers recommendations for how the organization can better leverage its data to achieve its long-term objectives.

7. The final part of the document includes a list of references and a list of appendices. The references cite the various sources of information used in the study, while the appendices provide additional details and supporting data for the main text.

JIS A 1204

Method of Grain - Size Analysis of Soils

Report Form

Job Site **PORT IRENE**

Date **6-23-81**

Sample No., Depth: No. **BH-3 (16.0m - 16.4m)**

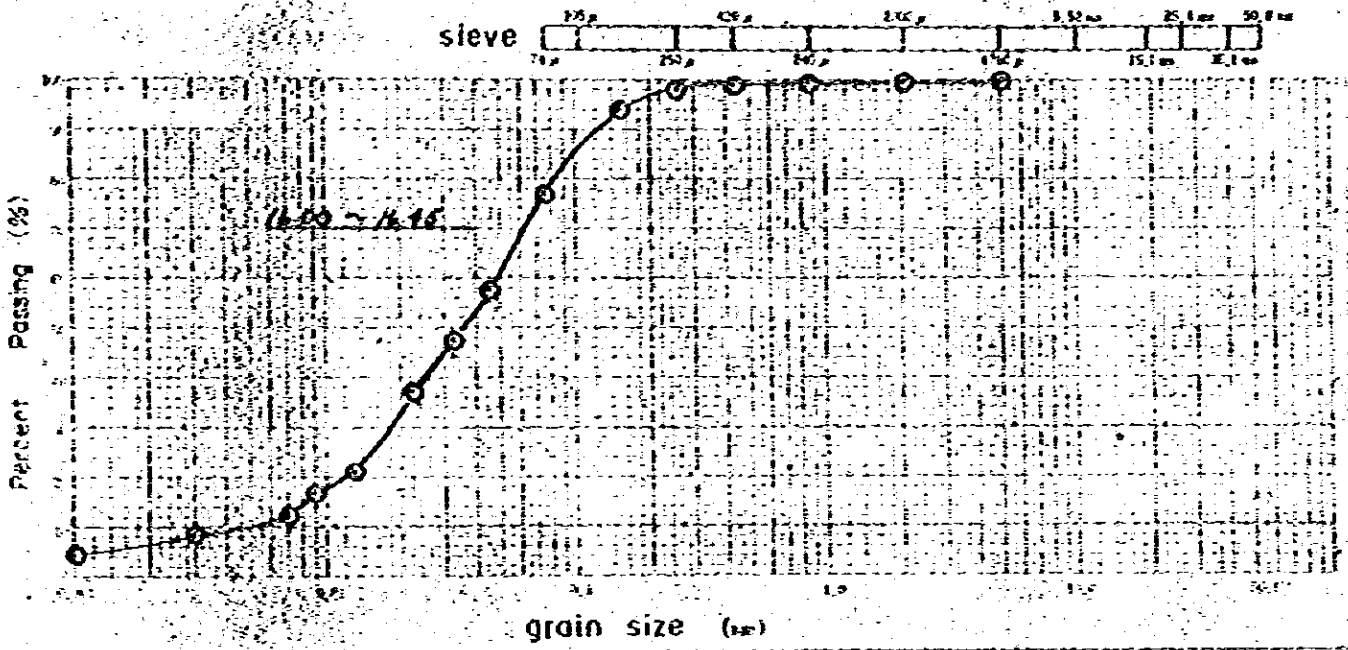
Technician **N. Prado**

Table of relationship between grain-size used for illustrating grain-size accumulation curve and weight percent of total passing

Sample No., Depth		BH-3 (16.0m - 16.4m)											Gs	
													2.5t	
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074		
Weight Percent %						100	99.9	99.4	98.9	98.2	94.9	76.7		
Grain size mm	0.045	0.033	0.022	0.013	0.009	0.007	0.003	0.001						
Weight Percent %	57.5	47.3	37.0	20.6	16.4	12.3	8.2	4.1						

Sample No., Depth		( m - m )											Gs	
Grain size mm	50.8	38.1	25.4	19.1	9.52	4.76	2.00	0.84	0.42	0.25	0.105	0.074		
Weight Percent %														
Grain size mm														
Weight Percent %														



clay	silt	sand	gravel
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Sample No., Depth	BH-3 16.0 - 16.4m		Sample No., Depth	BH-3 16.0m - 16.4m	
Grains in 4.76mm and larger	0.1	%	Max. grain size	4.76	mm
Grains in 4.75 - 2mm	0.1	%	60 % (grain size)	0.05	mm
Grains in 2 - 0.42mm	1.0	%	30 % (grain size)	0.018	mm
Grains in 0.42 - 0.075mm	22.2	%	10 % (grain size)	0.005	mm
Silt in 0.075 - 0.006mm	66.7	%	Coefficient of uniformity	10.0	
Clays less than 0.006mm	9.9	%	Coefficient of curvature	1.3	
Coarsest less than 0.001mm	4.1	%			
Percent by weight passing through 20.0mm sieve	99.9	%			
Percent by weight passing through 420µ sieve	98.9	%			
Percent by weight passing through 75µ sieve	76.7	%			

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and processing, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the data remains reliable and secure throughout its lifecycle.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data management processes remain effective and aligned with the organization's goals.





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2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making.

3. The third part of the document focuses on the role of technology in modern data management. It discusses how advanced software solutions can streamline data collection, storage, and analysis, leading to more efficient and accurate results.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that data management practices remain effective and up-to-date.