Republic of the Philippines
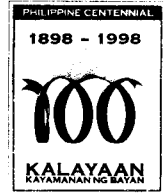**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**
BUREAU OF RESEARCH AND STANDARDS
EDSA, Diliman, Quezon City

PHILIPPINE CENTENNIAL
1898 – 1998
100
KALAYAAN
KAYAMANAN NG BAYAN

294

18 January 2000

DEPARTMENT ORDER)

NO. _____4_____

Series of 2000

SUBJECT :   **Submission of Subsurface Exploration Data**

In order to maintain a data bank of all subsurface exploration activities undertaken in all regions, henceforth, a report pertaining to subsurface exploration activity with complete data taken during the conduct of the preliminary and detailed engineering of a specific project should be submitted to this Office, **Attention: The Director, Bureau of Research and Standards**, this Department, immediately after completion of the said activity.

The report shall be accompanied by logs of borings using the attached format including the test results on samples taken during the conduct of subsurface exploration works.

Other information that are deemed relevant and significant should likewise be included in the report.

For compliance.

GREGORIO R. VIGILAR
Secretary

Attachment : As stated.

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

B O R I N G   L O G

NAME OF PROJECT : _____
LOCATION : _____
BOREHOLE NO. : _____
Ground Elevation : _____ m
Groundwater Level : _____ m
Casing Depth : _____ m

DATE STARTED : _____
DATE COMPLETED : _____
FINAL DEPTH, m : _____

Sheet _____ of _____

| DEPTH (m)	Sampling Depth, (m)	TYPE OF SAMPLING	REC. (%)	RQD (%)	SPT BLOWS PER 15 cm	N-VALUE	Consistency RQD-Description	N-VALUE (Graphical) 10 20 30 40 50 60	SOIL DESCRIPTION (Visual Identification)	SOIL Symbol	REMARKS
0.00											
1.00											
2.00											
3.00											
4.00											
5.00											
6.00											
7.00											
8.00											
9.00											
10.00											

LEGENDS SYMBOLS and RANGE of VALUES

Type of Sampling:
- Standard Penetration Test (SPT)
- Undisturbed Sampling (US)
- Coring (C)

Soil Types:
- Clays
- Sands
- Silts
- o0o0o Gravels
- @@@ Shells
- <^>v^ Tuff

Cohesive Soils:
N-Value	Consistency
0 - 1	- Very Soft
2 - 4	- Soft
5 - 8	- Med. Stiff
9 - 15	- Stiff
16 - 30	- Very Stiff
31 - 60	- Hard
> 60	- Very Hard

Granular Soils:
N-Value	Consistency
0 - 4	- Very loose
5 - 10	- Loose
11 - 24	- Medium Dense
25 - 50	- Dense
> 50	- Very Dense

Rock Quality Designator (RQD)
RQD,%	Rock Description
< 25	- Very Poor
25 - 50	- Poor
51 - 75	- Fair
76 - 90	- Good
> 90	- Excellent

Drilling Crew: ....   Core Driller: ....   Soil Engineer: ....

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

Worksheet for Computerized Method of Classifying Soils by AASHTO Method
and
Summary of Test Results

Name of Project : _____

Location : _____

Borehole No. : _____

Sample I.D. / No.	Sample Depth, (m)	Mechanical Analysis, Cumulative Percent Passing									Liquid Limit, % (L.L.)	Plasticity Index (P.I.)	AASHTO SOIL Classification	Natural Moisture Content,(%)	Organic Content, (%)	Specific Gravity S.G.
		(1.50") (37.50 mm)	(1.00") (25.00 mm)	(3/4") (19.50 mm)	(1/2") (12.50 mm)	(3/8") (9.50 mm)	(#4) (4.75 mm)	(#10) (2.00 mm)	(#40) (0.425 mm)	(# 200) (0.075 mm)						