

LEGEND FOR BORING OPERATIONS

Pressure measured
shallow depth factor
1100 cm² area
measured on 10 cm² area
(10 cm² area)

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5.7 CM CONE PENETRATION BORING

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LEGEND FOR EARTH MATERIALS

GRAVEL

SAND

SILT

CLAY

SANDY CLAY

CLAYEY SAND

SANDY SILT

SILT

CLAY

SANDY CLAY

CLAYEY SAND

SANDY SILT

SILT

CLAY

CLAYEY SILT

CLAYEY SAND

CLAYEY SILT

CLAYEY SAND

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CLAYEY SAND

CONSISTENCY CLASSIFICATION FOR SOILS

According to the Standard Penetration Test

Granular

Very Loose

Loose

Slightly Compacted

Compacted

Very Dense

Very Hard

0-4

5-9

10-19

20-34

35-59

>70

NOTE: Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

NOTE: Where a 36 mm size sampler is used, this value is the standard penetration blow count.

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PLAN

Scale: 1:1000

North

PROFILE

Horizontal: 1:1000

Vertical: 1:133

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DIST.

COUNTY

ROUTE

POST MILES

TOTAL PROJECT

SHEET NO.

TOTAL SHEETS

1

3

Geotechnical Professional

PLANS APPROVAL DATE

GOFFMAN MCCORMICK & URBAN, INC.

23241 Arroyo Vista

Rancho Santa Margarita, CA 92688

Project No.: 97-47

REGISTERED GEOLOGIST

ANDREW R. STONE

No. 1648

CERTIFIED ENGINEERING GEOLOGIST

STATE OF CALIFORNIA

REPORT DATE: 2/27/98

REPORT REVISED JUNE 30, 1998

PLATE 3.1

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