

Memorandum

*Flex your power!
Be energy efficient!*

To: ALL STAFF
GEOTECHNICAL SERVICES
DIVISION OF ENGINEERING SERVICES

Date: April 8, 2010

From: DOLORES VALLS
Deputy Division Chief
Geotechnical Services



Subject: Soil & Rock Logging, Classification, and Presentation Manual (2010 Edition)

The Soil and Rock Logging, Classification, and Presentation Manual has been updated to incorporate the comments received since its 2007 implementation.

Effective April 12, 2010, all Geotechnical Services (GS) staff and consultants performing work on behalf of the Department must use the procedures presented in the *Soil & Rock Logging, Classification, and Presentation Manual* (2010 Edition) for all work products. Staff and consultants must also be familiar with, and adhere to, the procedures of the following documents which are available on the GS website:

- Exception Process for Geotechnical Services Policy and Procedures (December 7, 2009)
- Soil & Rock Logging, Classification, and Presentation Manual Committee, Charter and Standard Procedures (June 15, 2007)
- Memorandum to all Geotechnical services staff titled "Quality Control/Quality Assurance Documentation on LOTB Sheets" (July 1, 2007)

Improvements implemented with the 2010 edition are:

- New section on terms and definitions
- New section on interbedded soil
- New section addressing the description of fill
- Revised rock identification tables
- New section on interbedded rock
- Addition of RQD*
- New fracture section containing nine optional fracture descriptors
- Additional examples and clarification

Bound hard copies are being printed and will be distributed to staff. Training for the revised manual began in March. Trainers will contact those staff not in Sacramento to schedule dates to visit their respective locations.