



TEICO OVERSEAS

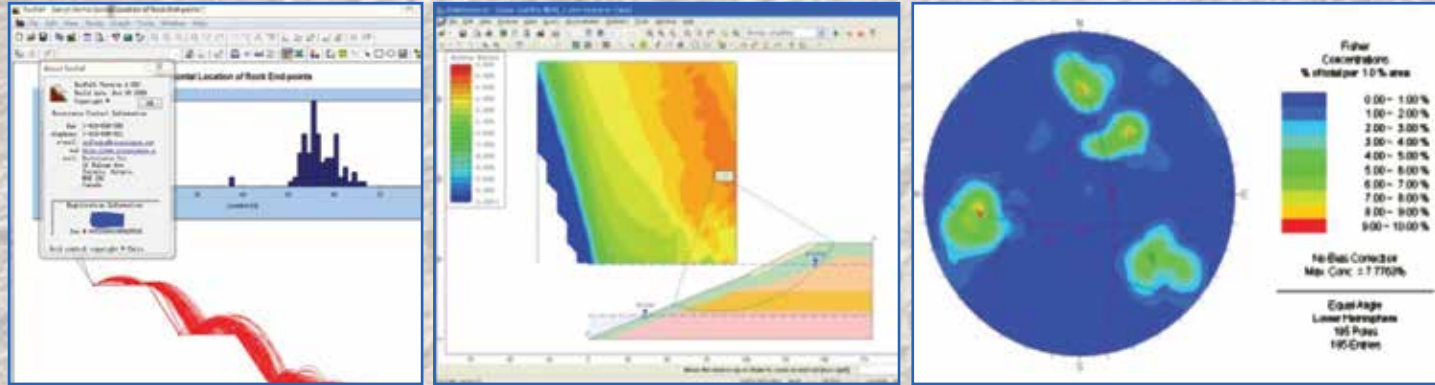


THE GEOTECHNICAL
ENGINEERING COMPANY

IN SITU ROCK ANALYSIS



GEOTECHNICAL DESIGN BY FINITE ELEMENTS



Drilling of rock dowels

Project
Design & Construction of Yitti to Al Sifa Road
Development and Al Sifa internal Roads
May 2017 – In progress

Client
Sultanate of Oman
Muscat Municipality

Main Contractor
Abu Hatim Co. LLC

Subject
Slope stabilization & protection works
Shotcrete & Rock bolt works

Quantities
11,600 sq.m of Shotcrete
12,050 lin.m of Rock Dowels 25mm
1,800 lin.m of Rock Dowels 32mm

GEOTECHNICAL APPLICATIONS



Grouting of rock dowels



Welded mesh installation

TESTING AND CONTROL



Spraying of Shotcrete by pumping machine



Curing of executed shotcrete

GEOTECHNICAL ENGINEERING COMPANY

Project

Design & Construction of Yiti
Internal Roads at Al Husn
January 2017 – March 2017

Client

Sultanate of Oman
Muscat Municipality

Main Contractor

Al Turki Cement Company

Subject

Slope protection works

Quantities

- 18,184 sq.m of Cleaning & Scaling
- 7,949 sq.m of Simple Wire mesh
- 8,714 sq.m of Reinforced Wire Mesh 6x6m
- 783 sq.m of Reinforced Wire mesh 3x3m
- 162 sq.m of Cable Netting
- 628 lin.m of Rock Dowels
- 320 sq.m of Rockfall barrier 1500 kJ
- 576 sq.m of Shotcrete



Placing of wire mesh roll



Installation of cable netting



Rockfall barrier 1500 kJ installation



Spraying of Shotcrete by pumping machine



Drilling of rock dowels

Project

Slope protection works
at the KMZ Beach House
February/March 2015 and
June/July 2015

Client

BARR AL JISSAH RESORT CO. SAOC

Main Contractor

TEICO OVERSEAS LLC

Subject

Slope protection and
consolidation works

Quantities

- 1,300 sq.m of Reinforced Wire Mesh
- 234 sq.m of Cable Netting



Installation of cable netting panels



Installation of wire mesh by using manlift



Drilling of rock dowels



View from the top of the villa



Scaling and removing boulders

Project
 Construction of Slope Protection or Repair
 for Bausher – Al Amerat Road
 October 2014 – April 2016

Client
 Sultanate of Oman
 Muscat Municipality
 Main Contractor
 TEICO OVERSEAS LLC

Subject
 Slope protection and
 consolidation works

Quantities
 113,356 sq.m of Slope Netting (Simple &
 11,148 sq.m of Cable Netting Reinforced)
 19,110 sq.m of RockFall Barrier
 198,937 cu.m of Light Cleaning & Scaling
 3,585 lin.m of Rock Dowels & Anchors
 447 lin.m of Jet-grouting



Installation of wire rolls by using crane



Drilling of cable netting panels



Installation of welded mesh for shotcrete



Installation of rockfall barrier



Cleaning berm by using bobcat

Project
 Slope protection works for
 Hay Al Turath – Ghubrat Nizwa Road
 August 2014 – August 2015

Client
 Sultanate of Oman
 Ministry of Transport & Communications
 Main Contractor
 TEICO OVERSEAS LLC

Subject
 Slope protection and
 consolidation works

Quantities
 20,060 sq.m of Reinforced Wire Mesh
 1,440 sq.m of Cable Netting
 4,200 sq.m of RockFall barrier
 30,067 sq.m of Shotcrete
 2,076 lin.m of Rock Dowels
 9,254 sq.m of Concrete lining
 910 cu.m of Gabions
 242,625 cu.m of Excavation - Light Cleaning & Scaling



Drilling of reinforced wire mesh



Installation of Cable Netting



RockFall barrier 2000 kJ installation



Spraying of Shotcrete by robotic machine



Waterproofing of berm by placing concrete

Project
 Construction of
 Wadi Adai – Al Amerat Road (Phase2)
 September 2012 – August 2013

Client
 Sultanate of Oman
 Muscat Municipality

Main Contractor
 Nagarjuna Construction Company
 International LLC

Subject
 Slope Protection

Quantities
 80,000 sqm of mesh
 320 sqm of Rock Fall Barrier 1000kj
 750 sqm of Rock Fall Barrier 3000kj
 210 sqm of Rock Fall Barrier 5000kj



Placing of the mesh rolls by helicopter



Manual drilling with specialized climbers



Installation of wire mesh



Scaling

Project
 Wadi Adai Interchange
 March 2013 – April 2013

Client
 Sultanate of Oman
 Muscat Municipality

Main Contractor
 Federici Stirling Batco LLC

Subject
 Slope Protection

Quantities
 10,000 sqm of Reinforced Mesh



Placing of Wire Mesh Panels



Scaling & Removal boulders



Drilling with basket



Installing of Reinforced Steel Cables



Project
Construction of
Hasik - Ash Shuwaymiyah Road
April 2012 – October 2013

Client
Sultanate of Oman
Ministry of Transport & Communications

Main Contractor
Galfar Engineering & Contracting SAOG

Subject
Slope Protection

Quantities
145,000 sqm of Reinforced Wire Mesh
50,000 sqm of Simple Wire Mesh
26,250 sqm of Rock Fall Barrier 500kJ
10,000 sqm of Rock Fall Barrier 1000kJ



Installation of rock fall barrier



Placing of the mesh with crane



Rock fall barrier 1000 kJ



Grouting of reinforced wire mesh dowels



Removal boulders with hydraulic jack

Project
Dualisation of
Bausher -Al Amerat Road (Phase 2)
December 2011 – August 2012

Client
Sultanate of Oman
Muscat Municipality

Main Contractor
Galfar Engineering & Contracting SAOG

Subject
Slope Protection

Quantities
33,000 sqm of Reinforced Mesh
2,500 m of Rock Dowels



Drilling at high elevation



Scaling



Placing of mesh

Project
 Construction of
 Wadi Adai – Al Amerat Road (Phase1)
 April 2011 – January 2012

Client
 Sultanate of Oman
 Muscat Municipality

Main Contractor
 Nagarjuna Construction Company
 International LLC

Subject
 Slope protection and
 consolidation works

Quantities
 72,500 sqm of mesh
 1,250 m of rock dowels/anchors



Placing of the mesh rolls by helicopter



Wadi Adai Site km 1+700



Installation of wire mesh



Removal of boulders

Project
 Dualisation of
 Bausher -Al Amerat Road (Phase 1)
 March 2011 – December 2012

Client
 Sultanate of Oman
 Muscat Municipality

Main Contractor
 Galfar Engineering & Contracting SAOG

Subject
 Slope protection

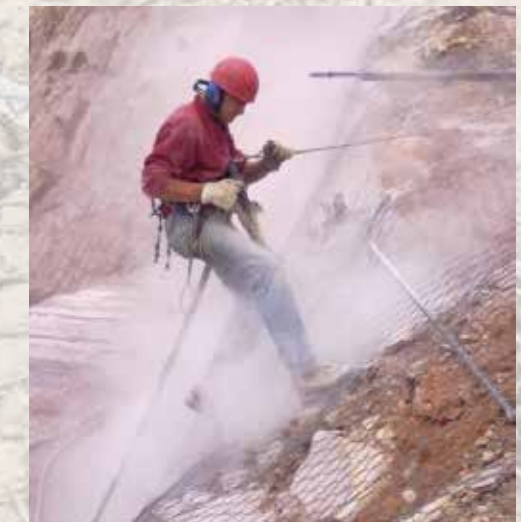
Quantities
 27,400 sqm of Mesh



Bausher Site



Transport of mesh rolls with helicopter



Manual drilling



Installation of wire mesh



Pull out test

Project
 Upgration of
 Birkat Al Mouz - Sayq Road
 May 2011 – March 2012

Client
 Sultanate of Oman
 Ministry of Transport & Communications

Main Contractor
 Galfar Engineering & Contracting SAOG

Subject
 Slope Protection

Quantities
 61,000 sqm of Reinforced Mesh
 2,600 m of Rock Dowels
 2,500 m of Rock Anchors



Drilling with basket

Project
 Dualisation and realignment of
 Al Amerat – Quriyat Road
 March 2011 – April 2012

Client
 Sultanate of Oman
 Muscat Municipality

Main Contractor
 Nagarjuna Construction Company
 International LLC

Subject
 Slope protection and
 consolidation works

Quantities
 169,700 sqm of Mesh
 2,650 m of Rock Dowels / Anchors



Quriyat Site



Drilling at high elevation with saddle and specialized climbers



Drilling with rigs on basket



Manual drilling



Manual drilling with specialized climbers



Pull out test



Grouting



Tightening of steel cables



Drilling with saddle

Project
Treatment, Protection & Rock Stabilization
for Dubai / Fujairah Freeway
December 2011 – June 2012

Client
United Arab Emirates
Ministry of Public Work

Main Contractor
BATCO (Badawi Azour Trading & Contracting) S.A.R.L.

Subject
Slope protection and
consolidation works

Quantities
4,000 sqm of Reinforced Wire Mesh
12,000 sqm of Rock Fall Barrier



Scaling and removal boulder at high elevation with specialized climbers



Rock Fall Barrier 2000 kJ



Drilling with rigs on basket



Rock Fall Barrier 1000 kJ



Cleaning & wetting of slope

Project
Tawaian to Dibba Highway (UAE)
December 2008 – December 2009

Client
Ministry of Public Works (UAE)

Main Contractor
Batco s.a.r.l.

Subject
Slope protection works

Quantities
5000 sqm fibers shotcrete
1000 sqm shotcrete w/welded mesh



Installation of welded mesh



Shotcrete



Final surface with rock anchors and shotcrete





TEICO OVERSEAS LLC

Muscat, Oman

Mina Al Fahal
Sultanate of Oman
CR No: 1075823
Contact: +968 9010 5518

Rome, Italy

Via Padre Semeria 29
00154 - Rome - Italy
Fiscal / Vat Code 10507221009
REA. No. 1236701

www.teicooverseas.com

info@teicooverseas.com