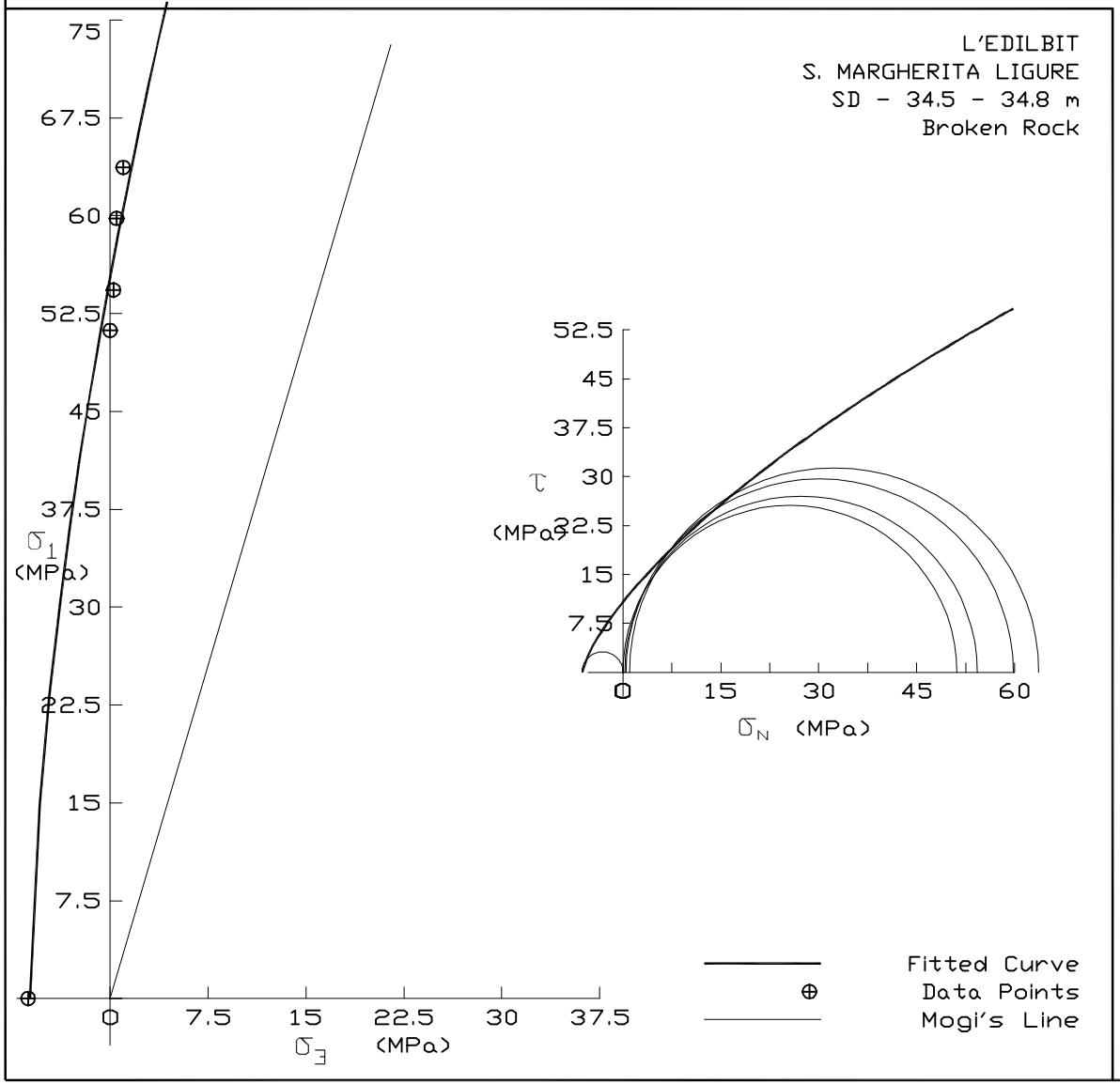
FAILURE CRITERION FOR JOINTED ROCK MASSES



PARAMETERS

HOEK-BROWN
CRITERION
LINEAR REGRESSION

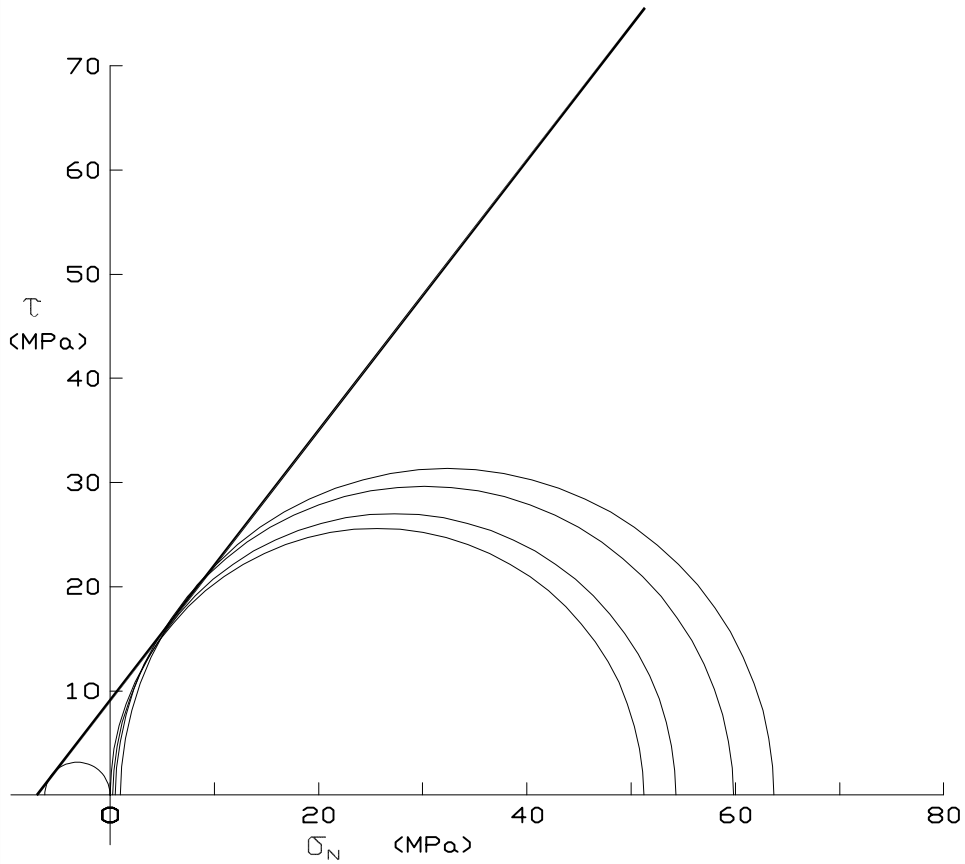
σ_{CI} = 55.23 MPa
σ_{CM} = 55.23 MPa
σ_{TM} = -6.14 MPa
m = 8.882
s = 1
resid. = 74.66
corr. = 0.951

σ_3	σ_1
-6.28	0.00
0.00	51.20
0.25	54.30
0.50	59.80
1.00	63.70

Cert. 05-015-006
Pag. 1/2
Data : 25/03/2005

FAILURE CRITERION FOR JOINTED ROCK MASSES

L'EDILBIT
S. MARGHERITA LIGURE
SD - 34.5 - 34.8 m
Intact Rock
Fitted Curve



PARAMETERS

MOHR-COULOMB
CRITERION
LINEAR REGRESSION

Ø = 52.31 deg

c = 9.14 MPa

corr. = 0.99

σ3	σ1
-6.28	0.00
0.00	51.20
0.25	54.30
0.50	59.80
1.00	63.70

Cert. 05-015-006
Pag. 2/2
Data : 25/03/2005