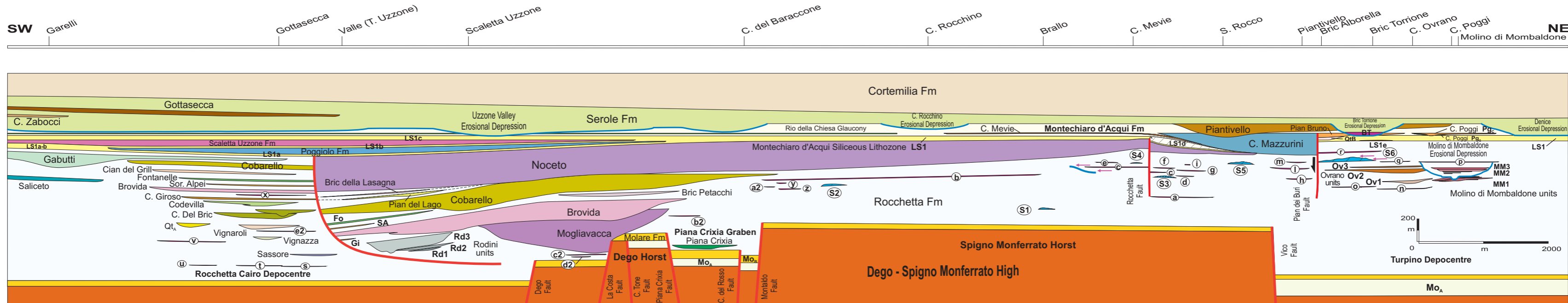


PLATE I

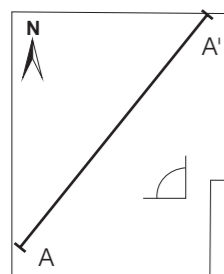
CROSS-SECTION OF THE OLIGOCENE-BURDIGALIAN DEPOSITS CROPPING OUT BETWEEN THE BORMIDA DI SPIGNO AND UZZONE VALLEYS



A

A'

Trace of the cross-section



N.B.: Faults post-dating the Serole and Cortemilia formations are not represented in the cross-section. Stratigraphic relationships between the crystalline basement, the Molare Fm and Rocchetta Fm refer only to the geologic setting of the south-eastern sector. They have been artfully transposed on the plane of the stratigraphic cross-section. Turbidite sandstone bodies of the Rocchetta Fm cropping out outside the mapped area E of the Vico fault and S of the southern map border are not shown on the cross-section. In such areas, moreover, the basement structure is only approximate.

RT1 and RT2 units of the Serole Fm pinch out depositionally towards SE. Therefore they do not appear on the cross-section. Minor turbidite sandstone bodies j and k of Rocchetta Fm are not represented on the cross-section due to graphic reasons.

Fo Fontanelle Sandstones
SA Sorgente Alpei Sandstones
Gi C. Giroso Sandstones

S1, ... S6 Slump sheets
a ... x Minor sandstone bodies of the Rocchetta Fm
BT Bric Torrione Sandstones
QtB Altitude 483 Sandstones
MM1, MM2, MM3 Molino di Mombaldone Lower, Middle and Upper Sandstones
Ov1, Ov2, Ov3 Ovrano Lower, Middle and Upper Sandstones
Rd1, Rd2, Rd3 Rodini Lower, Middle and Upper Sandstones
Mo_B Molare shelf sandstones
Mo_A Molare continental conglomerates