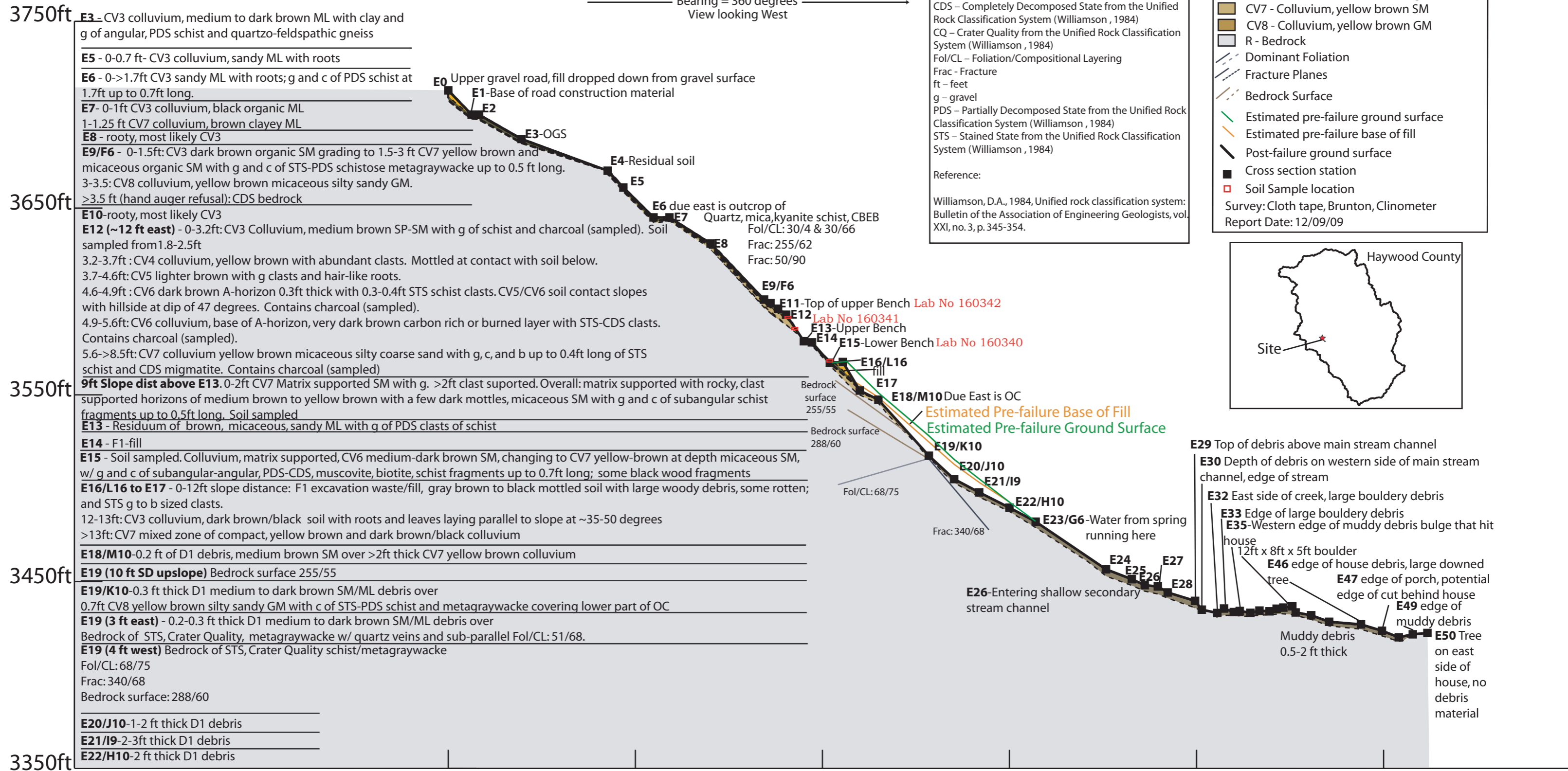


Cross Section E0 to E50
January 7, 2009 Bear Trail Debris Flow
Maggie Valley, Haywood County, NC

Bearing = 360 degrees
 View looking West



ABBREVIATIONS

b – boulders
 c – cobbles
 CBEB – Rock classification from the Unified Rock Classification System (Williamson , 1984)
 CDS – Completely Decomposed State from the Unified Rock Classification System (Williamson , 1984)
 CQ – Crater Quality from the Unified Rock Classification System (Williamson , 1984)
 Fol/CL – Foliation/Compositional Layering
 Frac - Fracture
 ft – feet
 g – gravel
 PDS – Partially Decomposed State from the Unified Rock Classification System (Williamson , 1984)
 STS – Stained State from the Unified Rock Classification System (Williamson , 1984)

Reference:
 Williamson, D.A., 1984, Unified rock classification system: Bulletin of the Association of Engineering Geologists, vol. XXI, no. 3, p. 345-354.

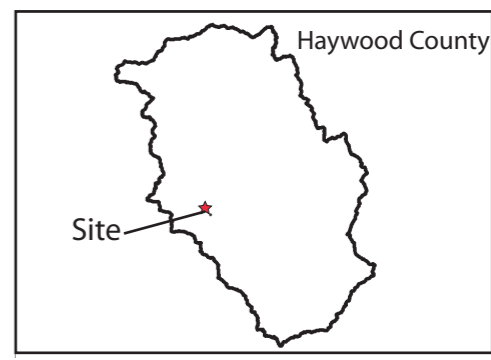
EXPLANATION

D1 - Debris from January 7, 2009 Debris Flow
 F1 - Excavation Waste/Fill
 CV3 - Colluvium, medium to dark brown ML/SM with clay and g, organics
 CV4 - Colluvium, yellow brown SM/GM with clasts. Mottled at basal contact
 CV5 - Colluvium, lighter brown with g clasts and hair-like roots.
 CV6 - Colluvium, dark brown, organic ML
 CV7 - Colluvium, yellow brown SM
 CV8 - Colluvium, yellow brown GM
 R - Bedrock

--- Dominant Foliation
 --- Fracture Planes
 --- Bedrock Surface
 --- Estimated pre-failure ground surface
 --- Estimated pre-failure base of fill
 --- Post-failure ground surface

■ Cross section station
 □ Soil Sample location

Survey: Cloth tape, Brunton, Clinometer
 Report Date: 12/09/09



1 in = 50 ft

0ft 100ft 200ft 300ft 400ft 500ft 600ft