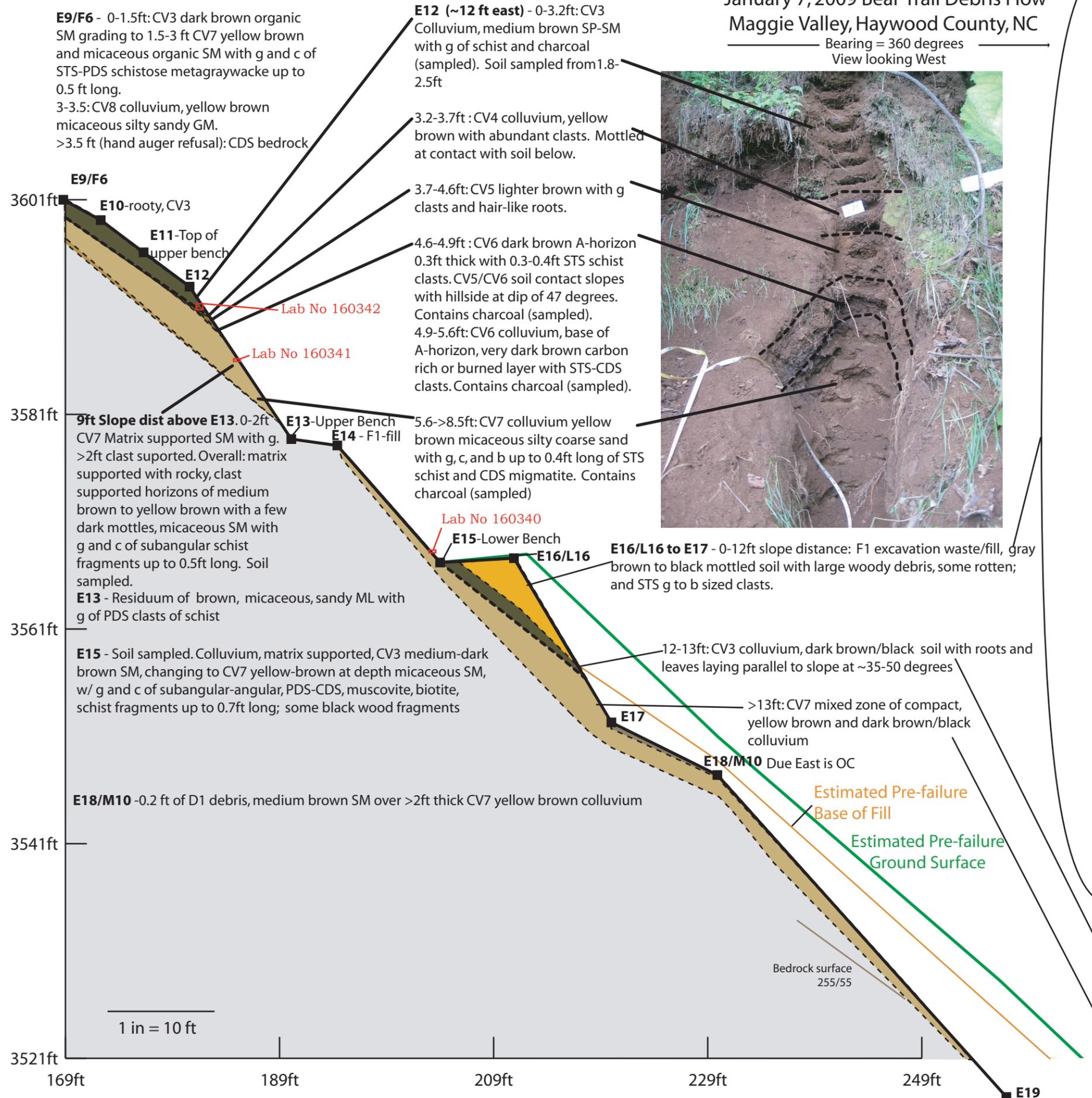


Cross Section E9 to E19
January 7, 2009 Bear Trail Debris Flow
Maggie Valley, Haywood County, NC

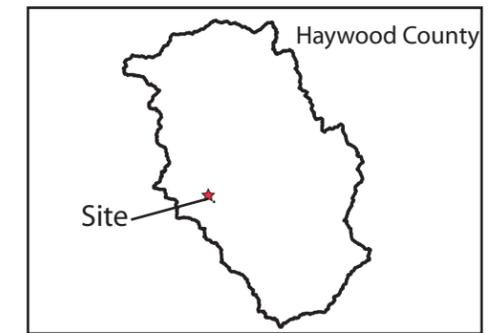
Bearing = 360 degrees
 View looking West



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
	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: 12/9/09



ABBREVIATIONS

b – boulders
 c – cobbles
 CDS – Completely Decomposed State from the Unified Rock Classification System (Williamson , 1984)
 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.