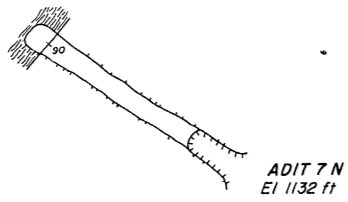
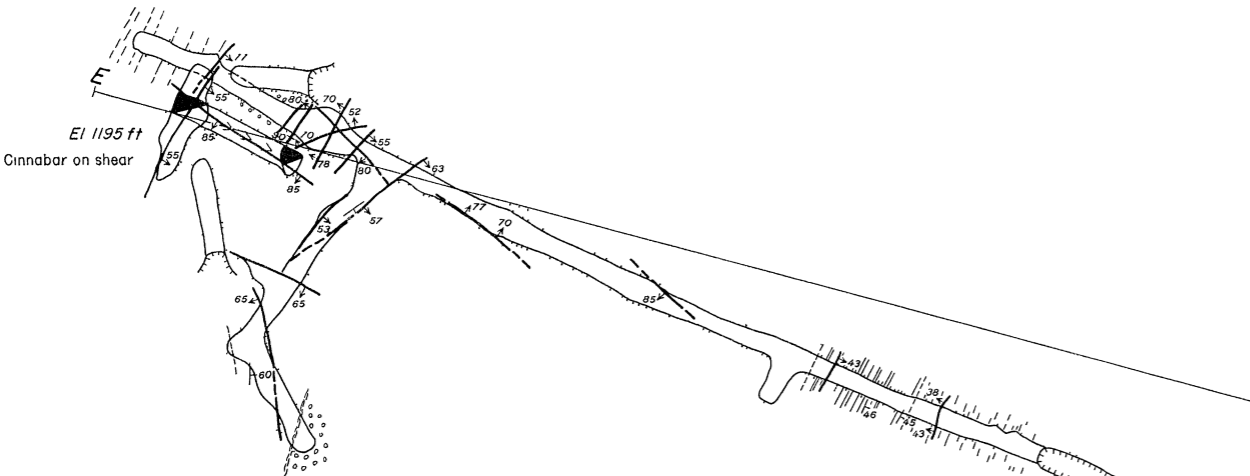
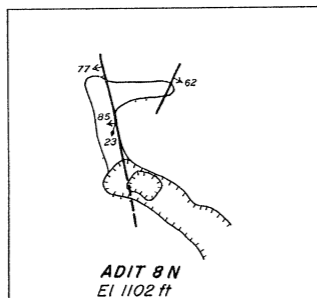
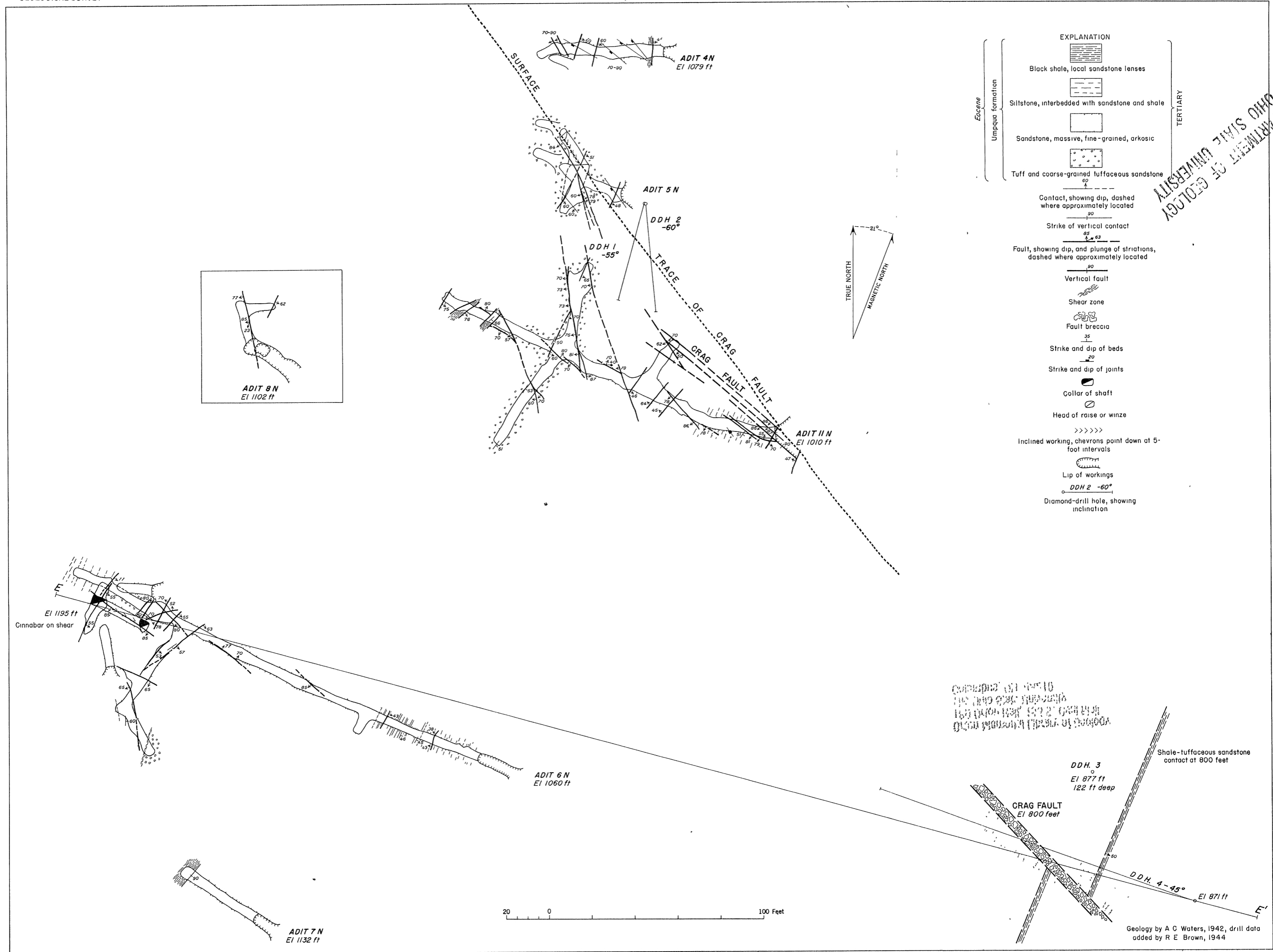


DEPARTMENT OF GEOLOGY
OHIO STATE UNIVERSITY

EXPLANATION	
Eocene Umpqua formation	Black shale, local sandstone lenses
	Siltstone, interbedded with sandstone and shale
	Sandstone, massive, fine-grained, arkosic
	Tuff and coarse-grained tuffaceous sandstone
TERTIARY	Contact, showing dip, dashed where approximately located
	Strike of vertical contact
	Fault, showing dip, and plunge of striations, dashed where approximately located
	Vertical fault
	Shear zone
	Fault breccia
	Strike and dip of beds
	Strike and dip of joints
	Collar of shaft
	Head of raise or winze
	Inclined working, chevrons point down at 5-foot intervals
	Lip of workings
Diamond-drill hole, showing inclination	



20 0 100 Feet

GEOLOGIC PLAN, NORTH NONPAREIL MINE

Geology by A C Waters, 1942, drill data added by R E Brown, 1944