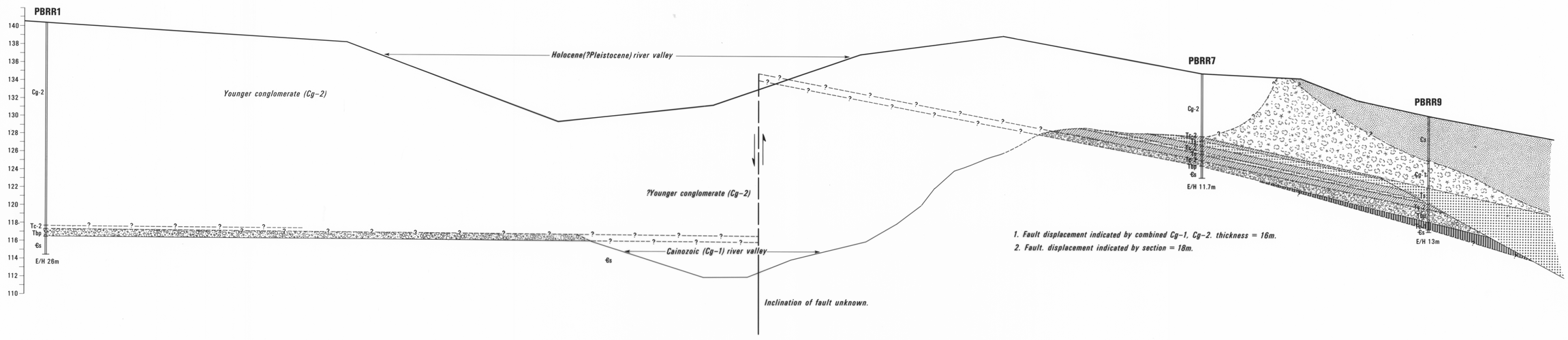
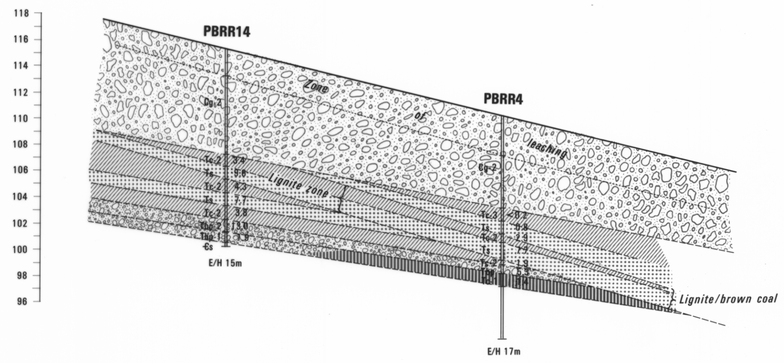
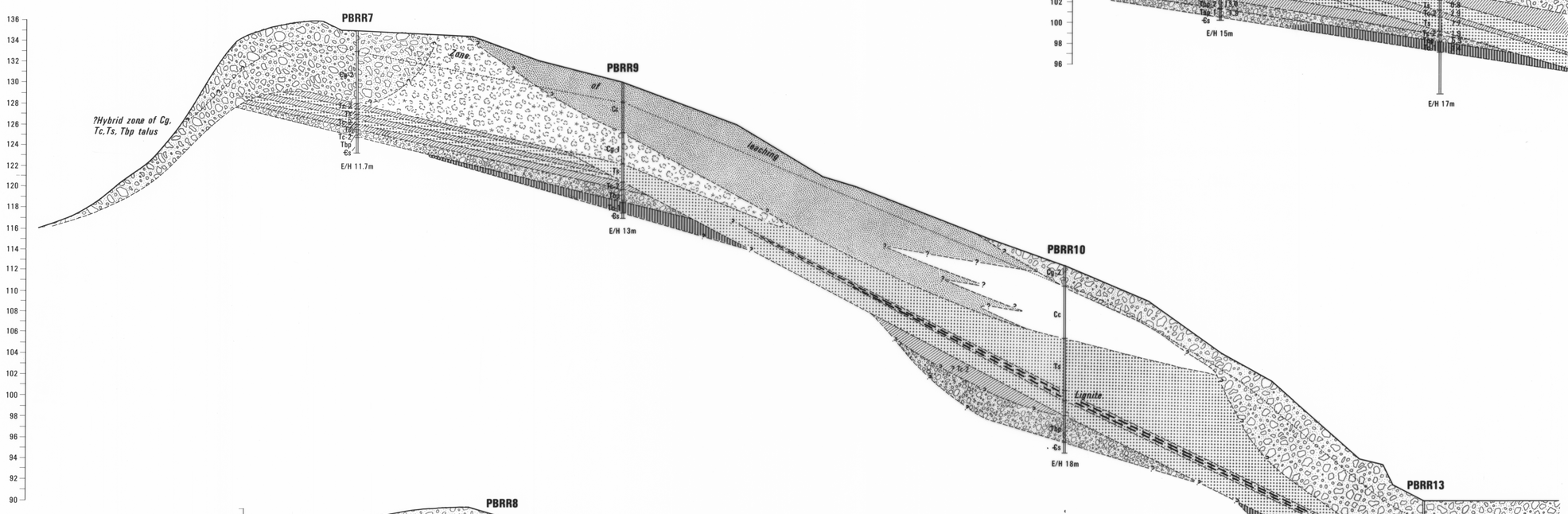
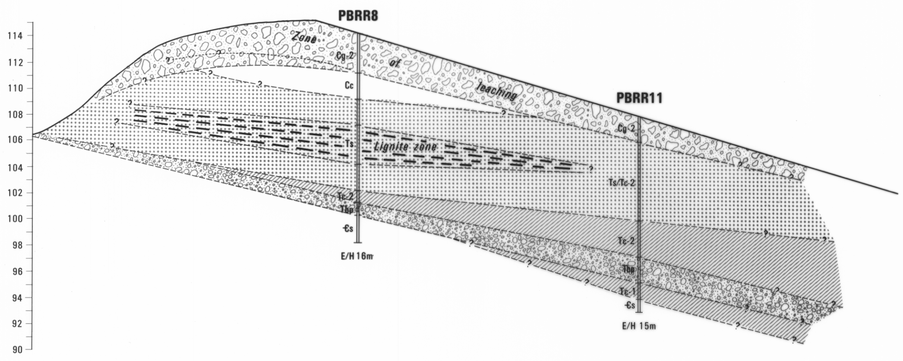
4626

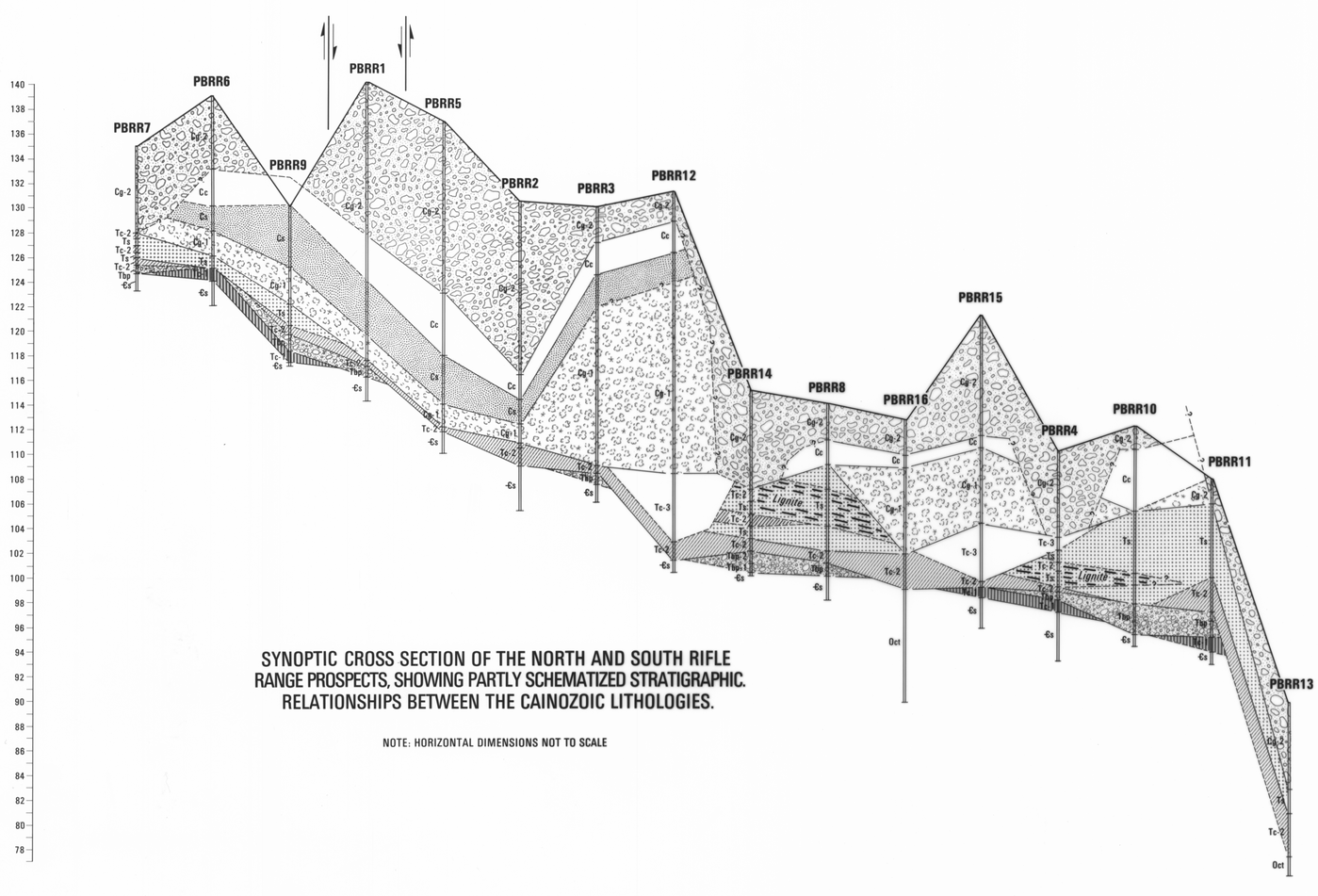
5 cm











SYNOPTIC CROSS SECTION OF THE NORTH AND SOUTH RIFLE RANGE PROSPECTS, SHOWING PARTLY SCHEMATIZED STRATIGRAPHIC. RELATIONSHIPS BETWEEN THE CAINOZOIC LITHOLOGIES.

NOTE: HORIZONTAL DIMENSIONS NOT TO SCALE

CAINOZOIC	"Younger conglomerate."		Cg-2	Boulder–cobble–pebble conglomerete.
	"Older conglomerate"		Cc	Orange clay + – quartz sand.
			Cs	Quartz–quartzite sand.
			Cg-1	Boulder–cobble–pebble conglomerate with white–pale green clay matrix.
	TERTIARY	FLUVIATILE / ?LACUSTRINE	Tc-3	White kaolinitic clay (+ – sericite).
			Ts	Granule gravel, sand (+ – lignitic clay).
			Tc-2	Grey–brown–smectitic clay; (lignite in the two upper units).
		?MARINE	Tbp	Beach / channel bar placer, consisting of secondary silica platelet sand / gravel, heavy minerals (predominantly chromite and quartz sand.
			Tc-1	Emerald green silty clay. (+ – heavy minerals).
CAMBRIAN			Ꞓs	Serpentinite, derived from either peridotite or pyroxenite.
			14.20	Mass percentage chromite (see holes 14 & 4).

SECTIONS BASED ON DEPT. OF MINES DRILLING - NORTH AND SOUTH RIFLE RANGE PROSPECTS - BEACONSFIELD

T.G. SUMMONS

JULY 1979

SCALE - V/H — 4:1

All levels shown in metres.