

### Trace-elements

STRATIFICATION / SEDIMENT / STRUCTURE — erosion patterns in the Delaware basin · glacial moraine · Vistula floodplain · industrial runoff — molecular cohesion > structural fatigue > adaptation — thermal expansion, rust bloom, carbon residue · documentation as evidence / camera as instrument · reflective index of light through particulate air · sound as vibration through built material · excavation, preservation, entropy of form — oak preserved in anaerobic silt (ca. 1255) — trace elements in bone-fired brick · metallurgy · oxidation · fracture — field study in material behavior / geometry under weather · archival residue / pigment migration · perception · probability · persistence — entropy measured in corrosion, equilibrium in decay — site as system / system as record — light scatter · tonal resonance · signal loss — documentation remains empirical not interpretive — LUCARNE AS LENS / ARTICULATION OF EVIDENCE