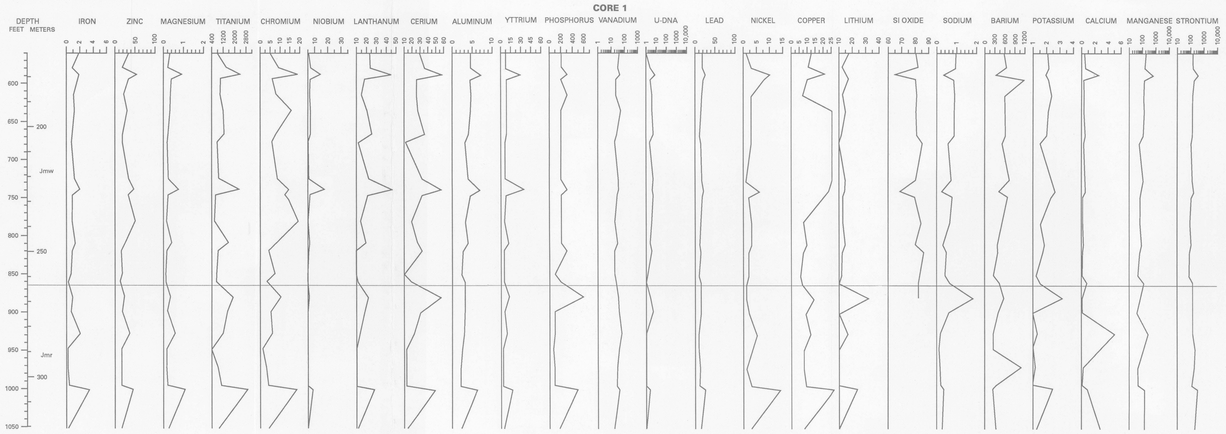

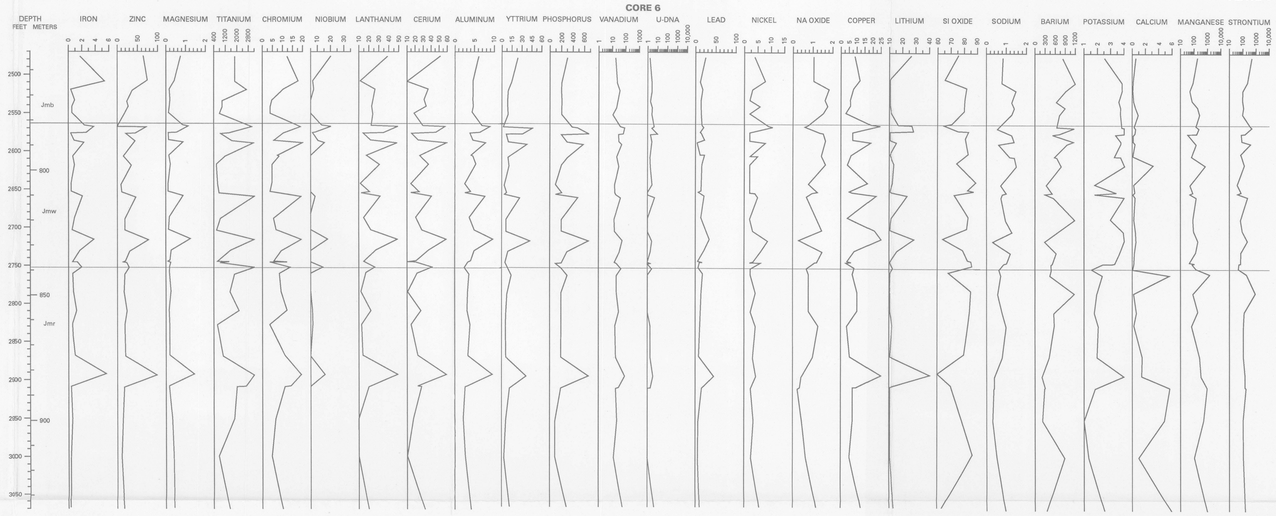

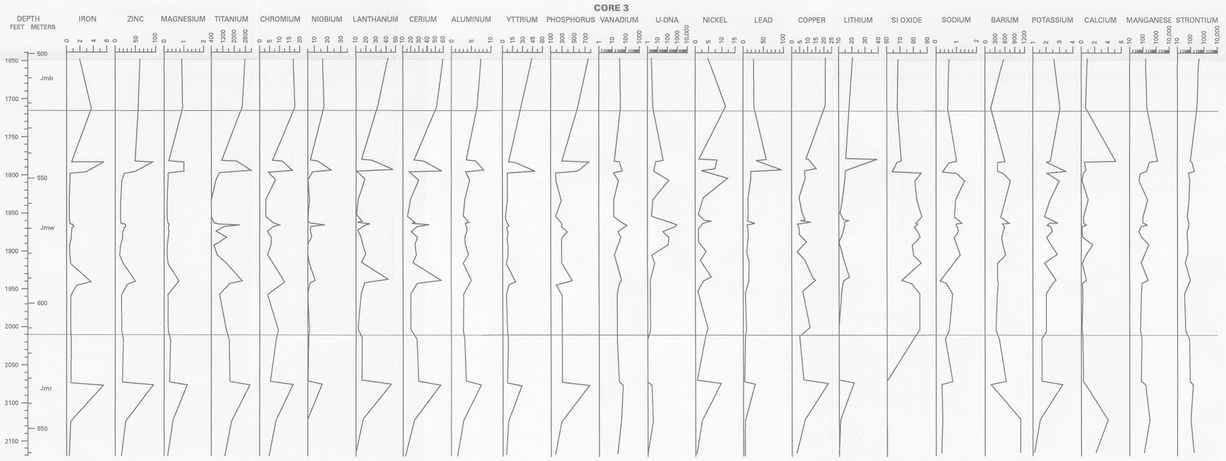

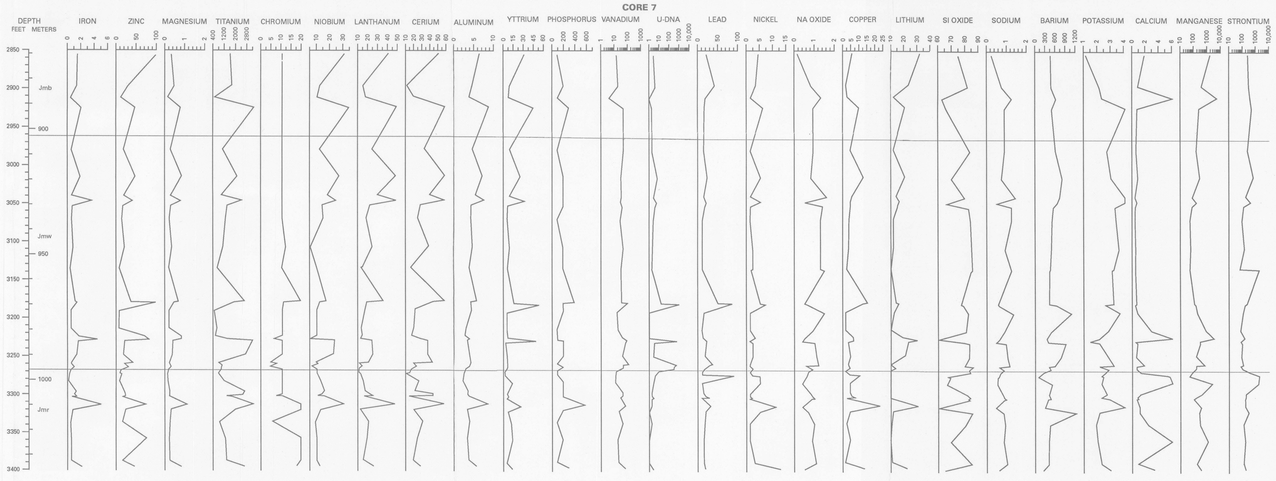

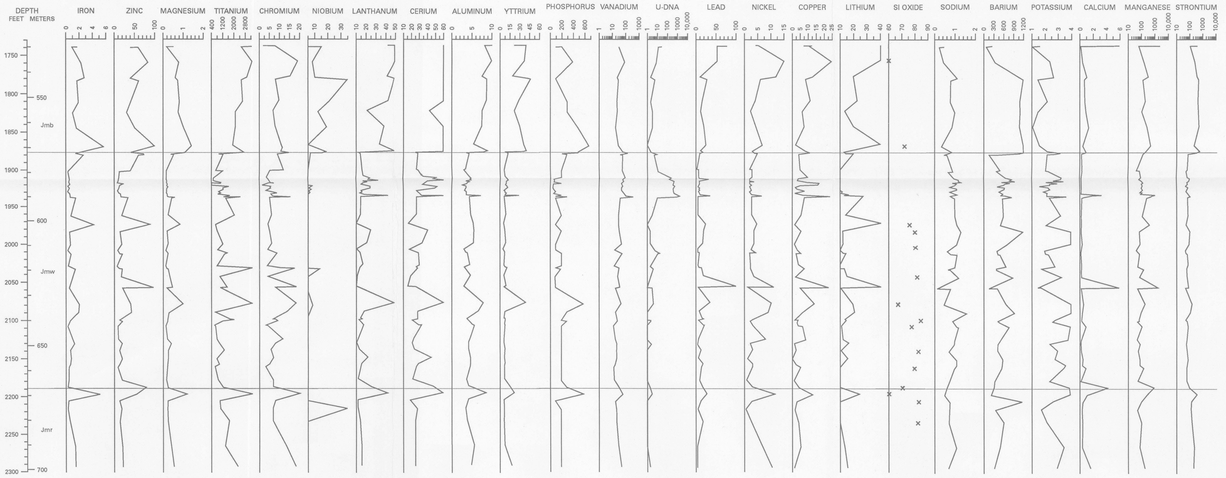

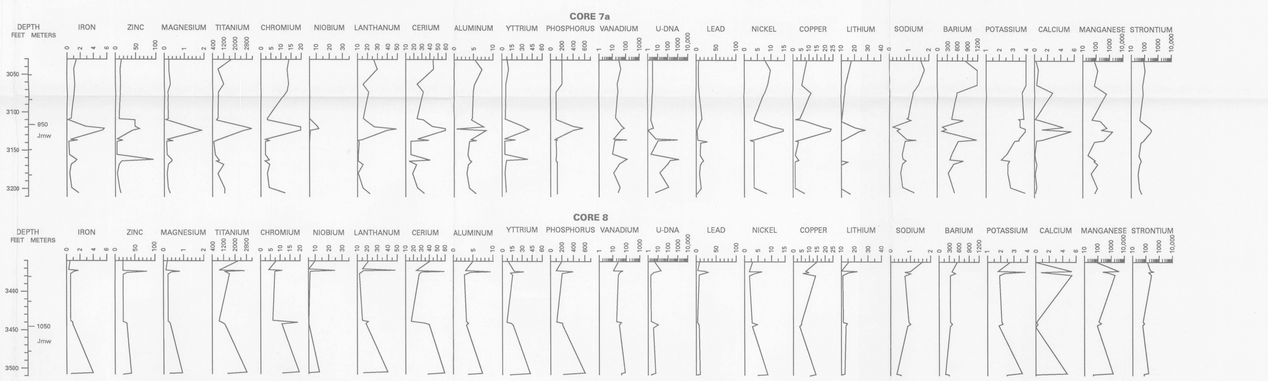

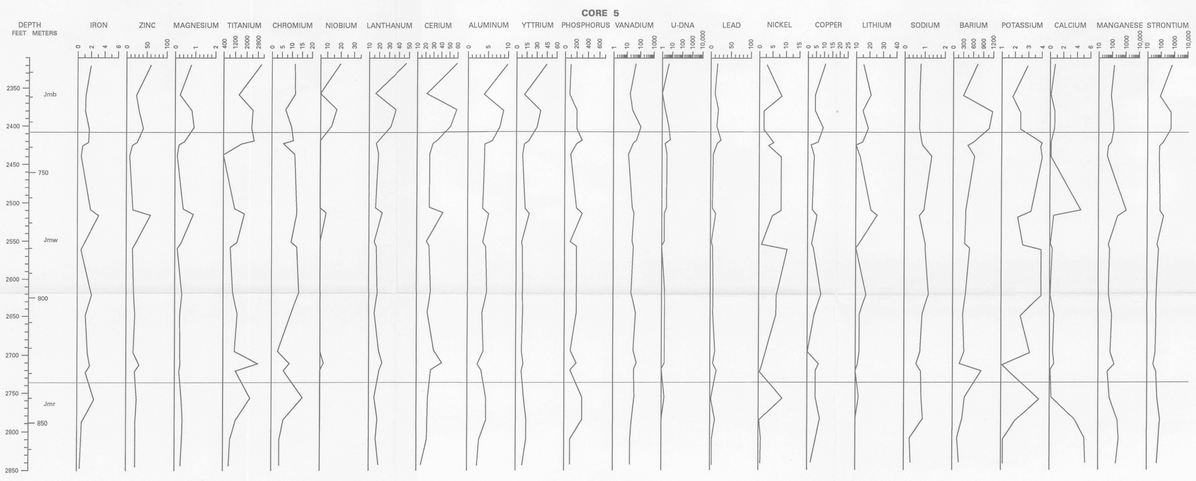

NOTE

The order of elements is arranged to "cluster" similar patterns of trace elements and their major element host. Increasing element content is to right on each scale; uranium, vanadium, manganese, and strontium are on logarithmic scales. Iron, magnesium, aluminum, Na oxide, Si oxide, sodium, potassium, and calcium in percent; all others in parts per million. Abundances determined by ICP, except oxides by XRF and U by DN. Jmr, Jmw, and Jmb are Recapture, Westwater Canyon, and Brushy Basin Members of the Upper Jurassic Morrison Formation. Complete chemical data is given in appendix.

DOWNHOLE PLOTS OF CHEMICAL DATA FOR CORES 1, 3, 4, 5, 6, 7, 7a, AND 8, MARIANO LAKE – LAKE VALLEY, NEW MEXICO