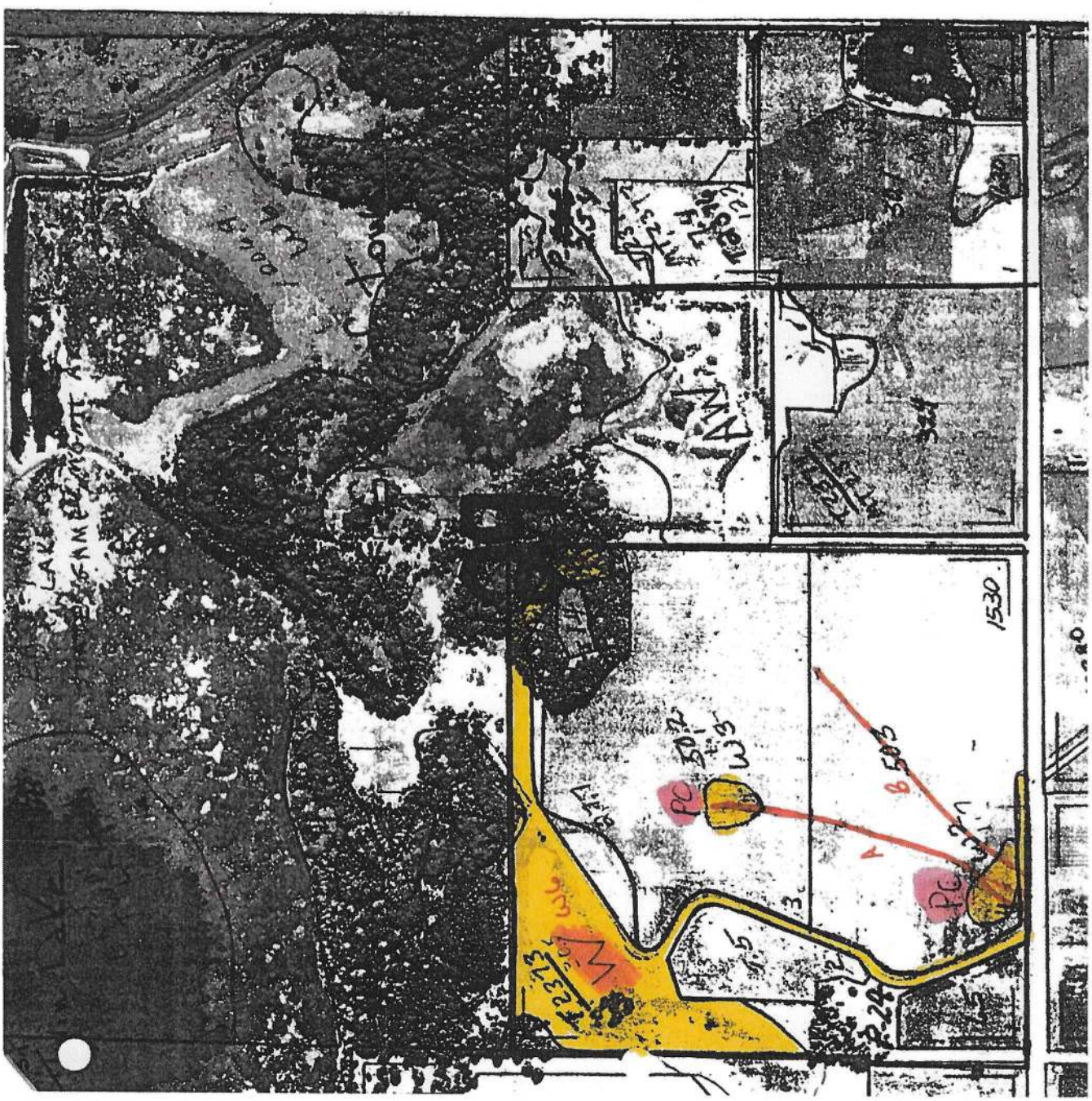Original determination Map 1991