U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

NRCS-ENG-145
1-64 (REDRAWN 7-01)

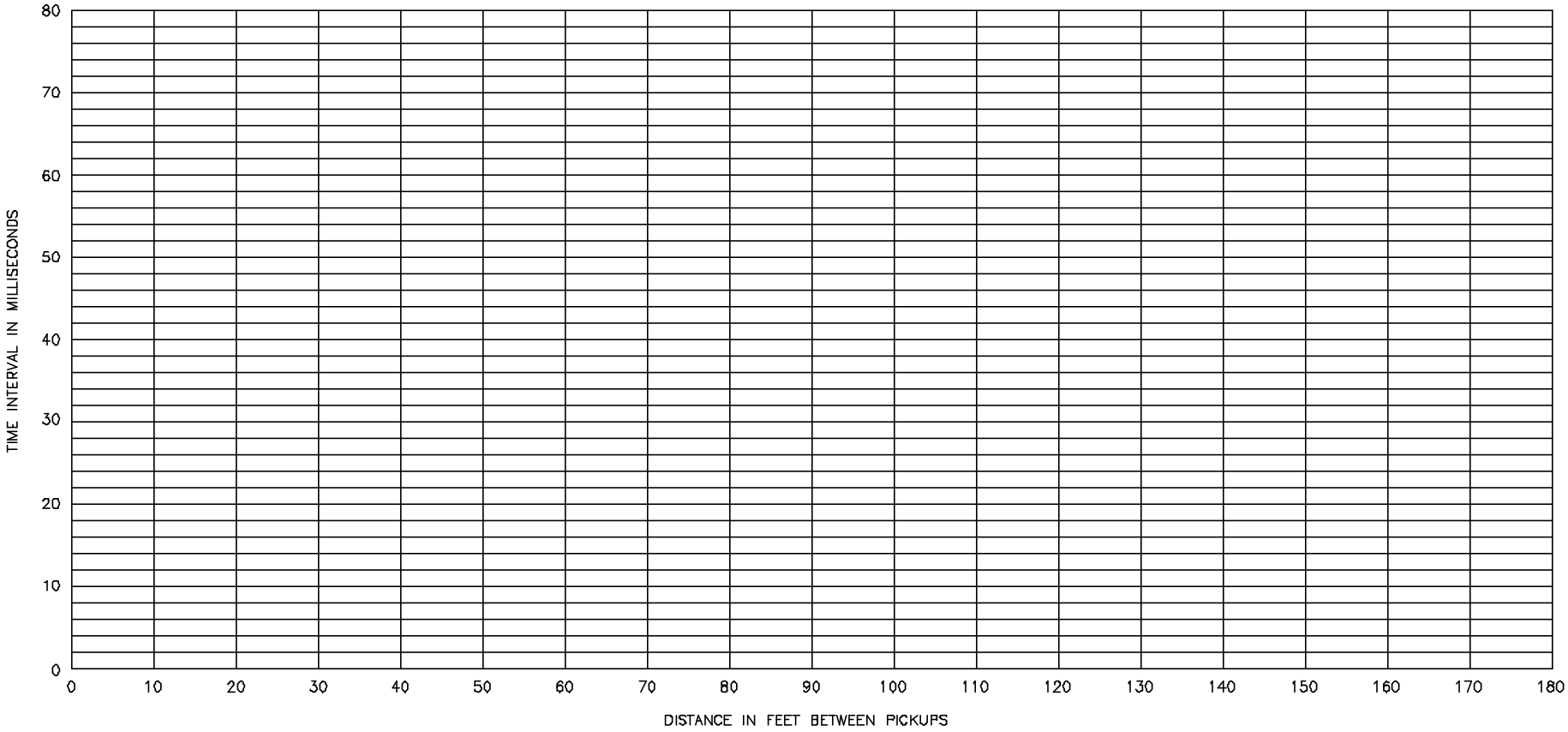
SEISMOGRAPH VELOCITY CHART

STATE	WATERSHED	SUB-WATERSHED	SITE NO.

FEATURE	☐ ℄ DAM ☐ PRINCIPAL SPILLWAY	☐ EMERGENCY SPILLWAY ☐ BORROW AREA	OTHER	TEST NO.	LOCATION

SURFACE ELEVATION	MAKE AND MODEL SEISMOGRAPH USED

DIRECTION OF STOP GEOPHONES FROM START	CRITICAL DISTANCE "X" (TO CHANGE OF VELOCITY) FEET _____

NOMOGRAPH DISTANCE "S" FEET _____	VELOCITY "V"$_1$ _____ FT/SEC	VELOCITY "V"$_2$ _____ FT/SEC
VELOCITY "V"$_3$ _____ FT/SEC	DEPTH OF FIRST INTERFACE "H"$_1$ _____ FT	THICKNESS OF SECOND LAYER "H"$_2$ _____ FT

INVESTIGATED BY	COMPUTED BY	DATE