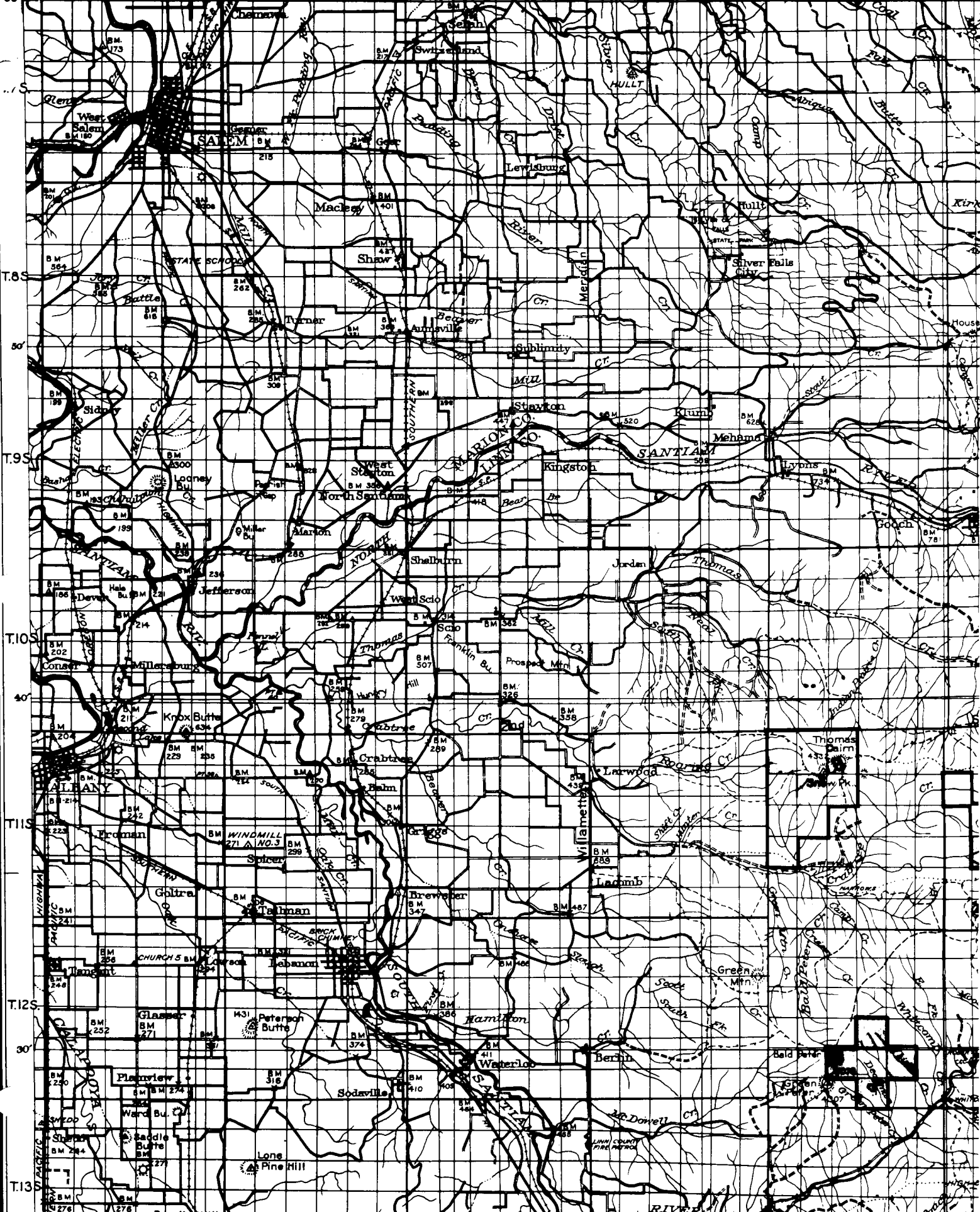
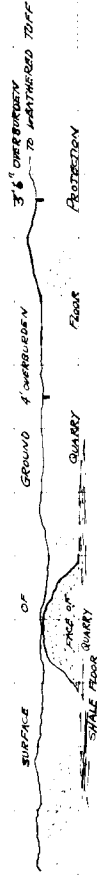


48° 00' R. 3 W. 123° 00' R. 2 W. 50' R. 1 W. R. 1 E. 40' R. 2 E. 122° 30'



SECTION THROUGH FACE OF QUARRY



AMERICAN TUFA STONE QUARRIES INC.
MARION COUNTY OREGON

B-20-46

PROFILE QUARRY FLOOR TO SUMMIT

ELEV 260'
THREE FEET OVERBURDEN TO WEATHERED TUFF

ELEV 160'
3.5' OVERBURDEN TO WEATHERED TUFF

ELEV 10' AT TUFF
QUARRY FACE OVERBURDEN 4'

QUARRY FLOOR ELEV 00 ASSUMED SHALE NO APPARENT DIP

SCALE 100'