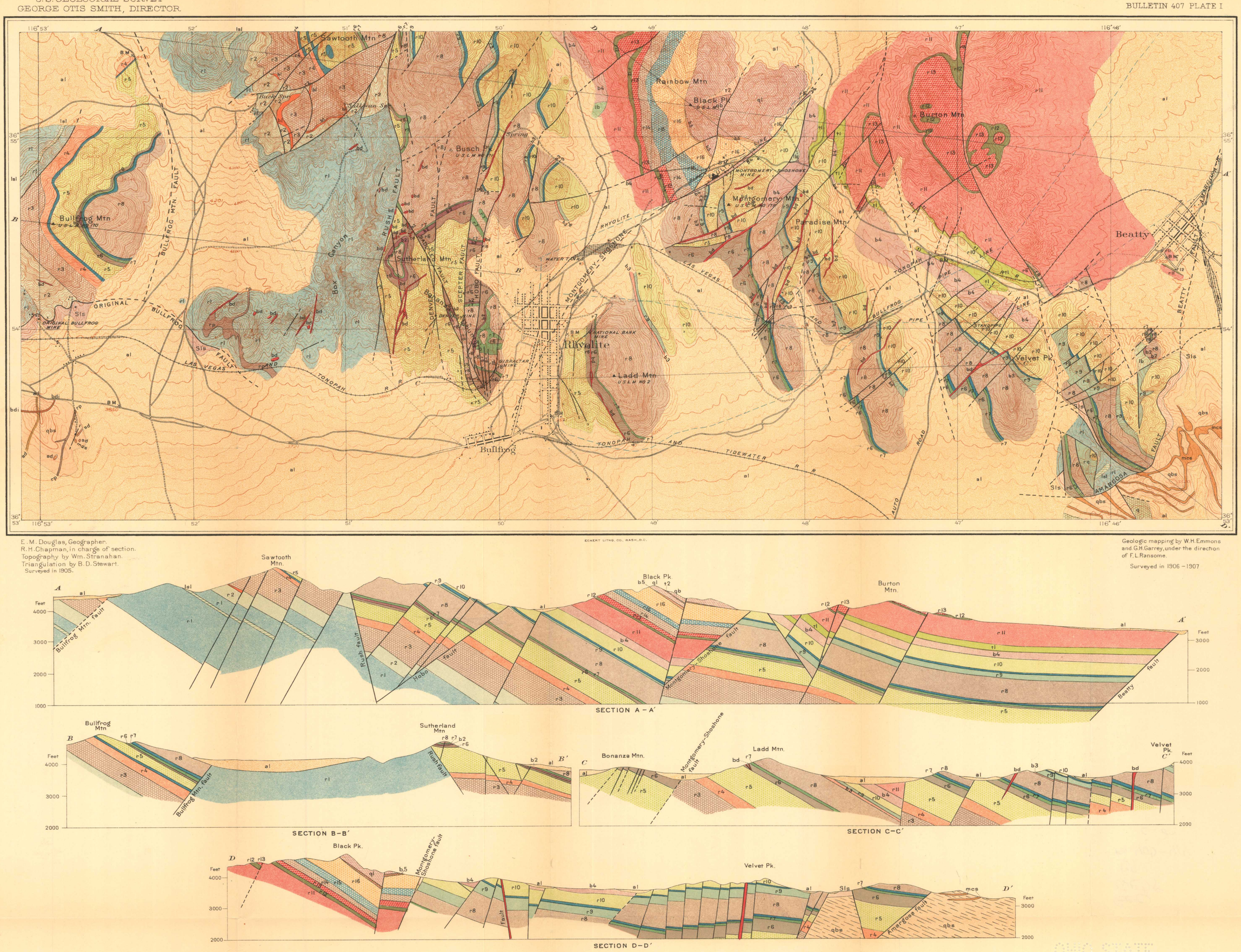

E. M. Douglas, Geographer.
R. H. Chapman, in charge of section.
Topography by Wm. Stranahan.
Triangulation by B. D. Stewart.
Surveyed in 1905.

Geologic mapping by W. H. Emmons and G. H. Garrey, under the direction of F. L. Ransome.

Surveyed in 1906–1907

SECTION A–A′

SECTION B–B′

SECTION C–C′

SECTION D–D′

GEOLOGIC MAP AND SECTIONS OF THE BULLFROG DISTRICT, NEVADA

1 ½ 0 1 Mile

1 ½ 0 1 Kilometer

Contour interval 20 feet.
Datum is mean sea level.

1909

QUATERNARY

al	Alluvium

TERTIARY

qb	Quartz basalt
r2	Tuff No. 2
q1	Quartz latite
b5	Basalt No. 5
r16	Rhyolite No. 16
r15	Rhyolite No. 15
r14	Rhyolite No. 14
r13	Rhyolite No. 13
r12	Rhyolite No. 12
r11	Rhyolite No. 11
r1	Tuff No. 1
lb	Leucite basanite
b4	Basalt No. 4
r10	Rhyolite No. 10
r9	Rhyolite No. 9
b3	Basalt No. 3
r8	Rhyolite No. 8
r7	Rhyolite No. 7
b2	Basalt No. 2
r6	Rhyolite No. 6
r5	Rhyolite No. 5
r4	Rhyolite No. 4
r3	Rhyolite No. 3
b1	Basalt No. 1
r2	Rhyolite No. 2
r1	Rhyolite No. 1
lsl	Limestone lentils in rhyolite No. 1
	Glass layers at bases of rhyolite flows
rp	Rhyolite porphyry
bd	Basalt dikes with a few small masses included in rhyolite. Many of the dikes follow fault fissures

PALEOZOIC

Sls	Silurian limestone and shale
qbs	Quartz biotite schist
mcs	Marble and calcareous schist
q	Quartzite
ad	Acidic diorite dike
bdi	Basic diorite dike
sd	Sheared diorite

	Faults
	Tunnel
	Shaft
	Prospect

OHIO STATE UNIVERSITY