

CALIFORNIA STATE MINING BUREAU,
William Irelan, Jr., State Mineralogist.

GEOLOGICAL MAP

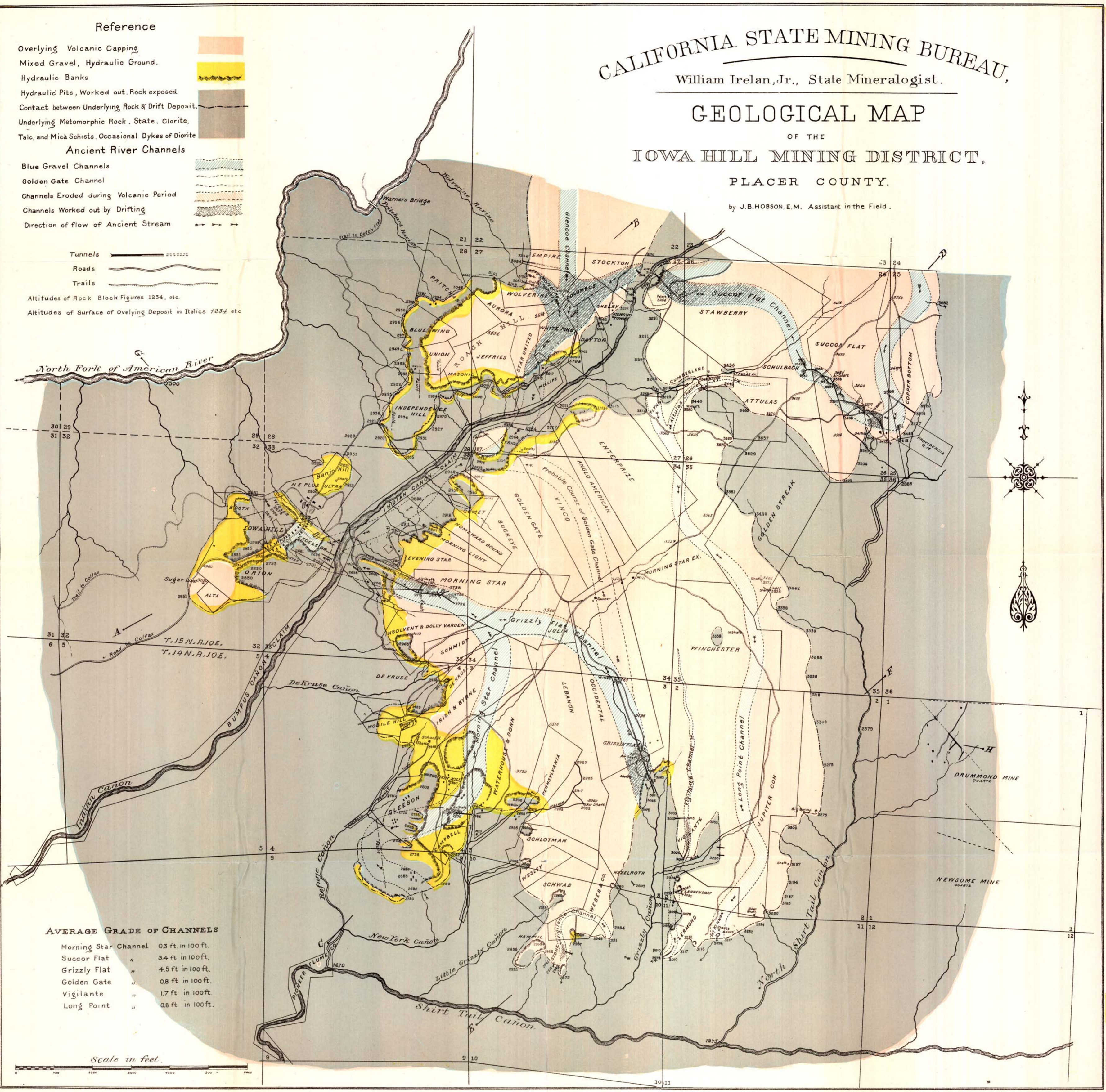
OF THE
IOWA HILL MINING DISTRICT,
PLACER COUNTY.

by J.B. HOBSON, E.M. Assistant in the Field.

- Reference
- Overlying Volcanic Capping
 - Mixed Gravel, Hydraulic Ground.
 - Hydraulic Banks
 - Hydraulic Pits, Worked out. Rock exposed
 - Contact between Underlying Rock & Drift Deposit.
 - Underlying Metamorphic Rock. Slate, Chlorite, Talc, and Mica Schists. Occasional Dykes of Diorite
 - Ancient River Channels
 - Blue Gravel Channels
 - Golden Gate Channel
 - Channels Eroded during Volcanic Period
 - Channels Worked out by Drifting
 - Direction of flow of Ancient Stream

- Tunnels
- Roads
- Trails

Altitudes of Rock Block Figures 1254, etc.
Altitudes of Surface of Overlying Deposit in Italics 1254, etc.



AVERAGE GRADE OF CHANNELS

Morning Star Channel	0.3 ft. in 100 ft.
Succor Flat	3.4 ft. in 100 ft.
Grizzly Flat	4.5 ft. in 100 ft.
Golden Gate	0.8 ft. in 100 ft.
Vigilante	1.7 ft. in 100 ft.
Long Point	0.8 ft. in 100 ft.

Scale in feet.

