CALIFORNIA STATE MINING BUREAU.

William Irelan. Jr., State Mineralogist.

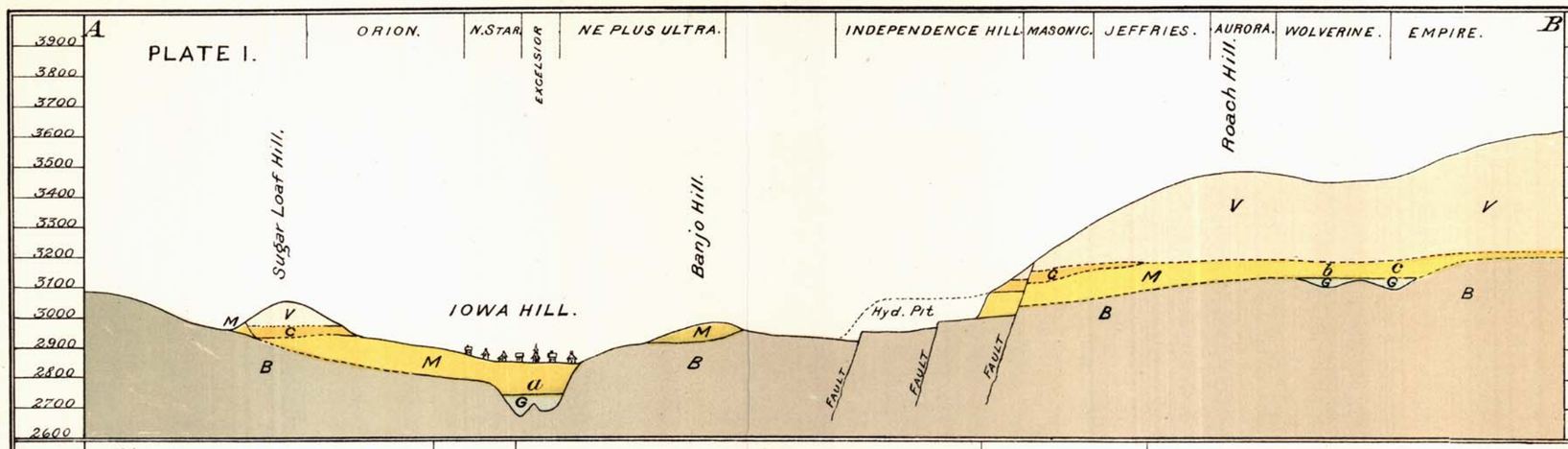
CROSS SECTION PLATES

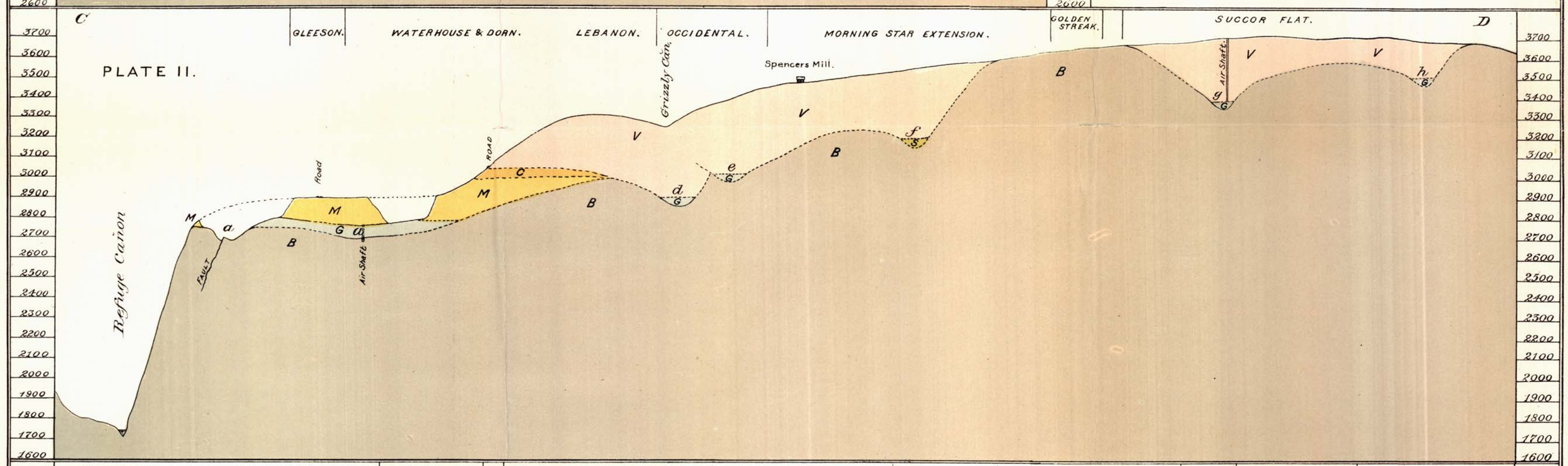
ACCOMPANYING GEOLOGICAL MAP OF

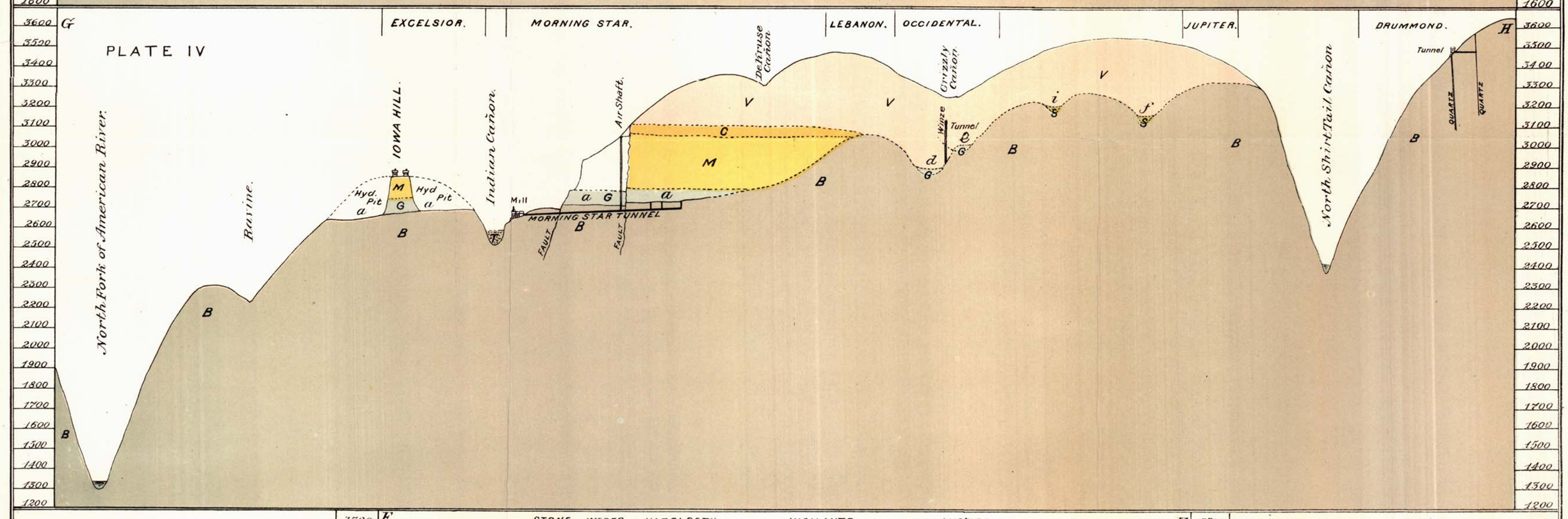
IOWA HILL MINING DISTRICT.

PLACER COUNTY.

by. J. B. Hobson. Assistant in the Field.







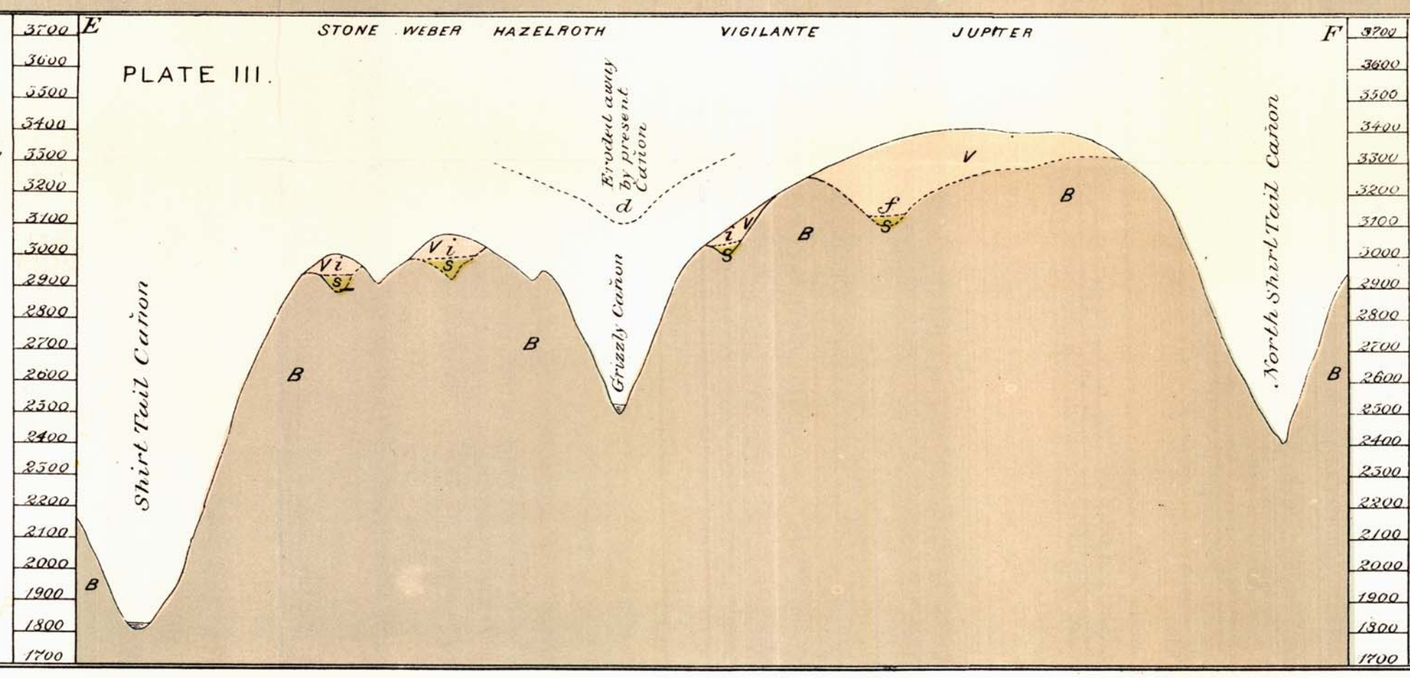
PLATES

I. Cross Section through Sugar Loaf, Iowa Hill and Roach Hill.

II. Cross Section from Refuge Cañon North East through Succor Flat.

III. Cross Section from Main Shirt Tail Cañon to North Shirt Tail Canon Showing Vigilante and Long Point Channels.

IV. Cross Section from North Fork of American River through Iowa Hill, Morning Star Tunnel, North Shirt Tail Cañon to Drummond Mine.



REFERENCE.

Volcanic Capping	V
Clay	C
Mixed Gravel	M
Blue Gravel	G
Gravel in Secondary Channels	S
Underlying Metomorphic Rocks	B
Tailings	T

Ancient Channels (Auriferous)

- a Morning Star Channel.
- b Wolverine Channel.
- c Glencoe Channel.
- d Grizzly Flat Channel.
- e Golden Gate Channel.
- f Long Point Channel.
- g Succor Flat Channel at Works.
- h Succor Flat Channel above Works.
- i Vigilante Channel.

HORIZONTAL SCALE IN FEET.

0 1000 2000 3000 4000 5000

Figures on margin are Altitudes above Sea Level.