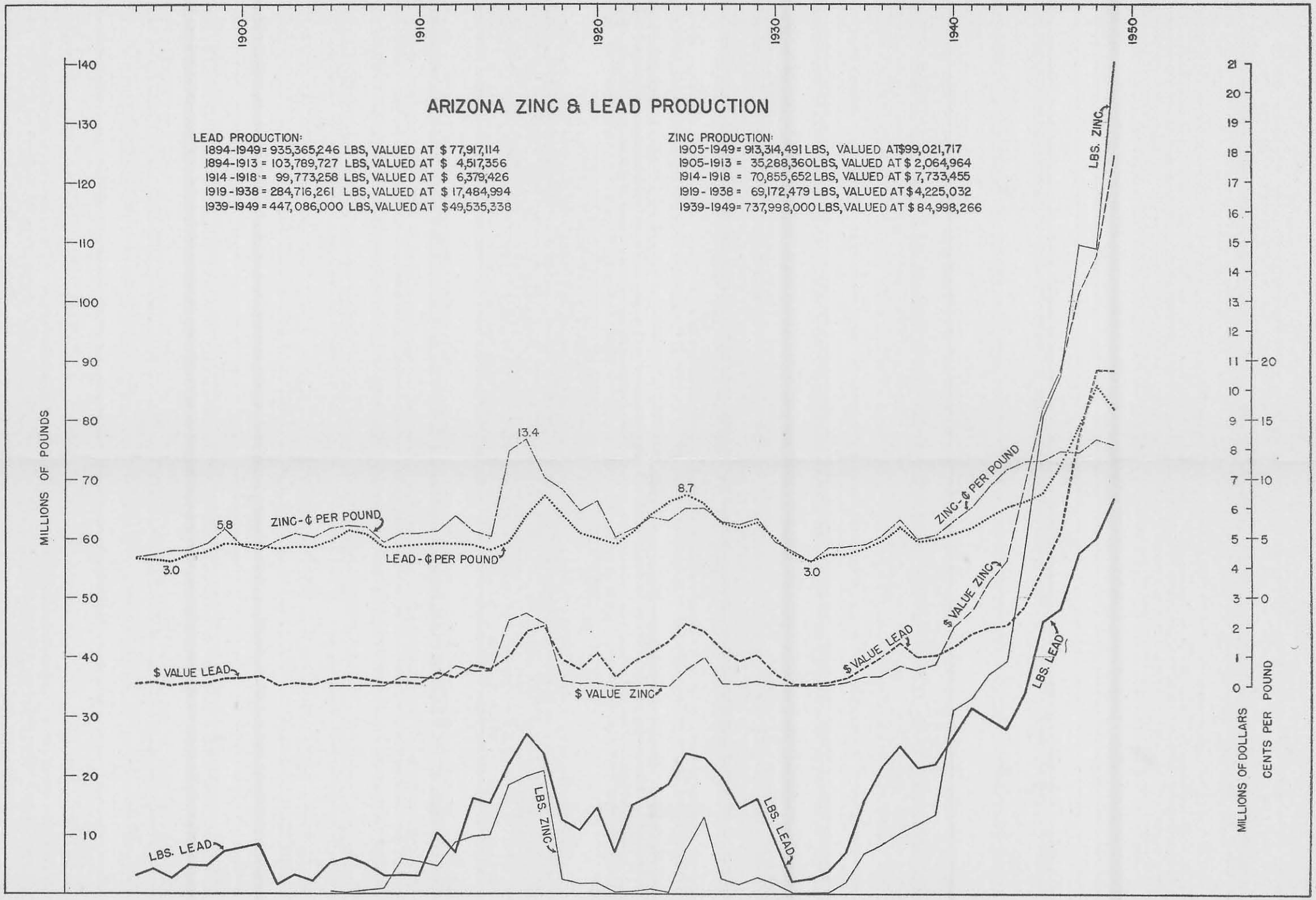

Figure 1.—Arizona zinc and lead production.

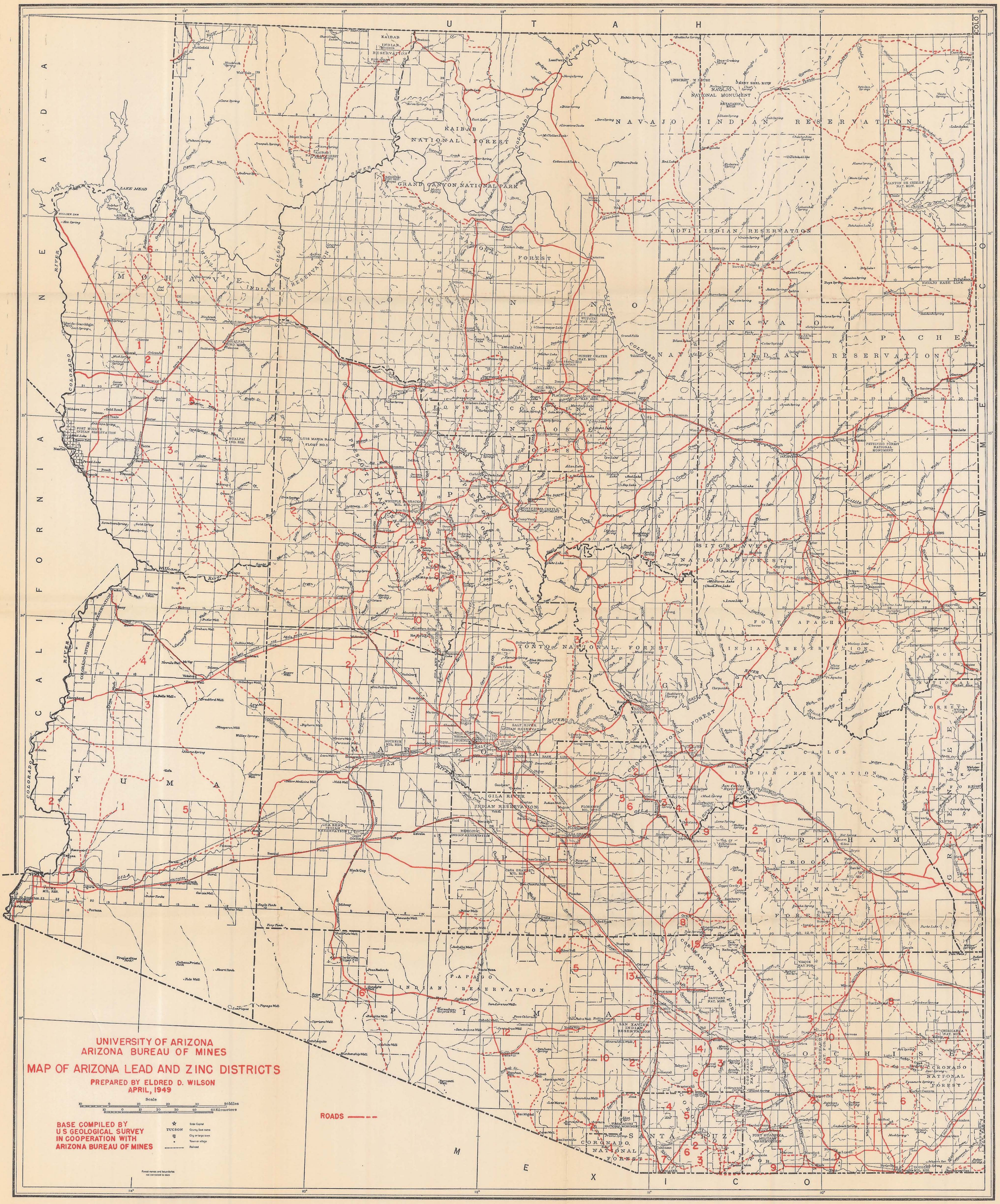

Figure 4.—Map showing distribution of zinc and lead districts in Arizona.

Map No.	District or Locality
	COCHISE COUNTY
1.	Bisbee (Warren)
2.	Tombstone
3.	Johnson (Cochise)
4.	Turquoise (Gleeson, Courtland)
5.	Abril, San Juan
6.	Swisshelm
7.	Chiricahua (Hilltop, California)
8.	Dos Cabezas
9.	Huachuca (Hartford)
10.	Golden Rule
	SANTA CRUZ COUNTY
1.	Oro Blanco (Ruby)
2.	Harshaw (Trench, Flux)
3.	Patagonia (Duquesne, Mowry)
4.	Tyndall
5.	Wrightson
6.	Palmetto
7.	Nogales
	PIMA COUNTY
1.	San Xaxier (Pima)
2.	Twin Buttes (Pima)
3.	Empire
4.	Silver Bell
5.	Waterman
6.	Rosemont
7.	Arivaca
8.	Amole
9.	Greaterville
10.	Papago
11.	Cerro Colorado
12.	Comobabi (Cababi)
13.	Old Yuma (Amole)
14.	Busterville
15.	Control (Old Hat)
16.	Gunsight (Meyer)
	GRAHAM COUNTY
1.	Aravaipa
2.	Stanley
	GREENLEE COUNTY
1.	Metcalf
	PINAL COUNTY
1.	Old Hat (Mammoth)
2.	Superior (Pioneer)
3.	Ray (Mineral Creek)
4.	Bunker Hill
5.	Mineral Hill, Cottonwood
6.	Martinez Canyon
7.	Casa Grande (Vekol)
8.	Oracle (Catalina, Old Hat)
9.	Saddle Mountain
	GILA COUNTY
1.	Banner
2.	Globe
3.	Pioneer (Pinal Mountains)
4.	Dripping Spring
	MARICOPA COUNTY
1.	Osborn (Big Horn)
2.	Vulture
3.	Sunflower
	YUMA COUNTY
1.	Castle Dome
2.	Silver, Eureka
3.	Plomosa
4.	Bouse (Plomosa)
5.	Neversweat
	YAVAPAI COUNTY
1.	Big Bug
2.	Eureka (Bagdad)
3.	Hassayampa
4.	Pine Grove, Tiger
5.	Walker
6.	Black Canyon
7.	Copper Basin
8.	Peck
9.	Turkey Creek
10.	Castle Creek
11.	White Picacho
	MOHAVE COUNTY
1.	Chloride (Wallapai)
2.	Cerbat (Wallapai)
3.	Cedar Valley
4.	Owens (McCracken)
5.	Maynard
6.	Gold Basin
	COCONINO COUNTY
1.	Havasu Canyon

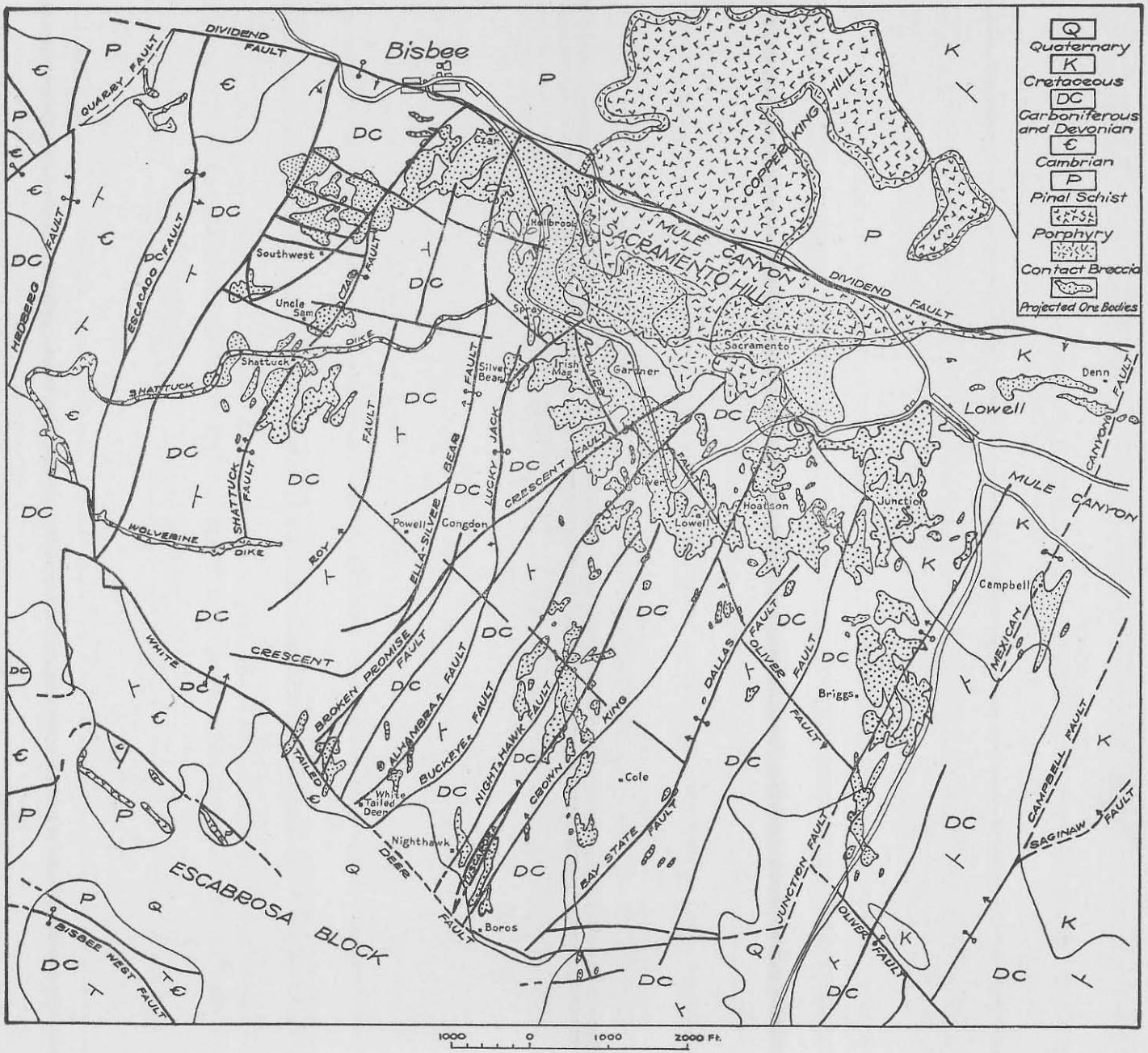

Figure 6.—Geological map of Bisbee district (by Carl Trischka, Ariz. Bur. Mines Bull. 145)

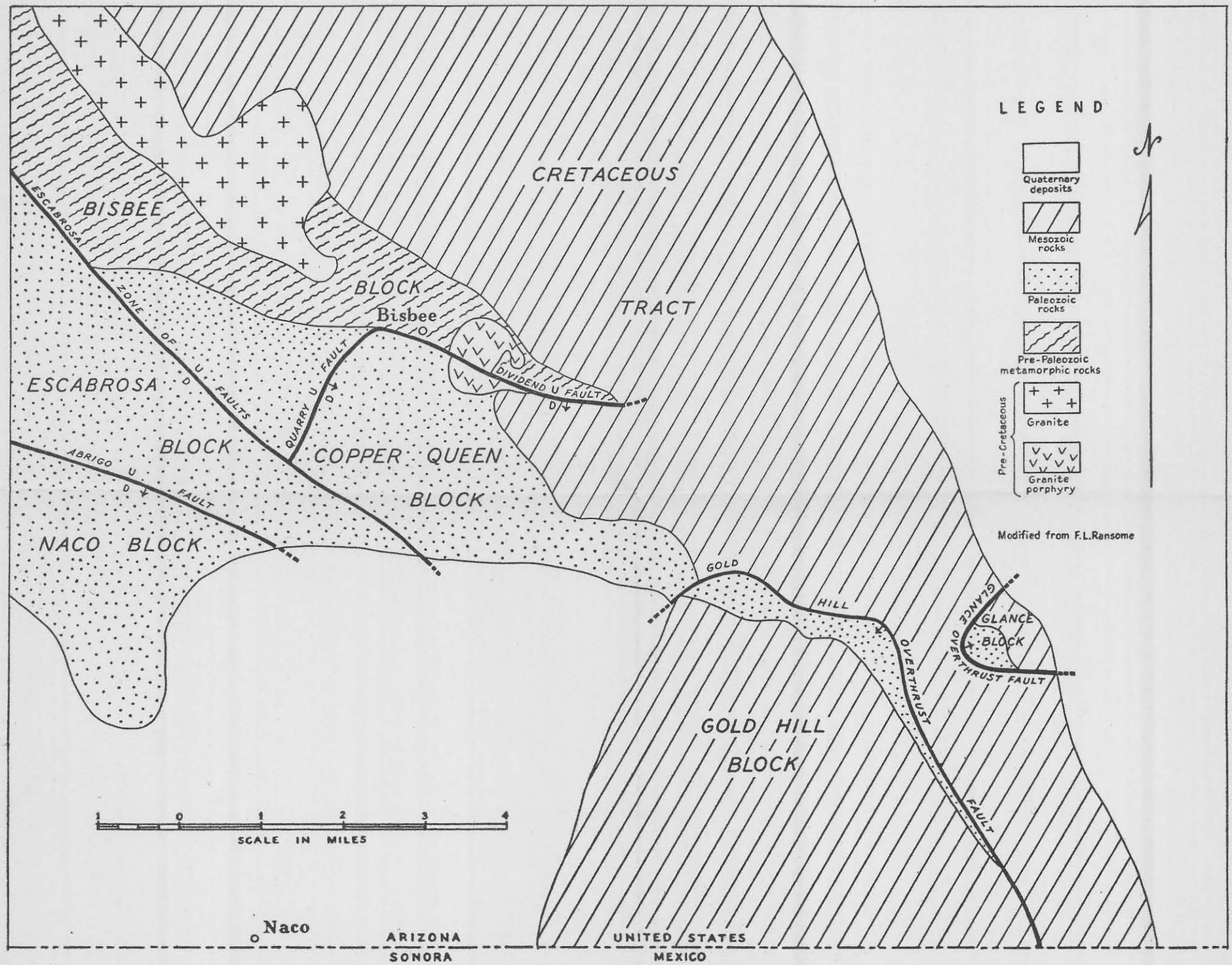

Figure 7.—Structural areas, Bisbee district (by Carl Trischka, Ariz. Bur. Mines Bull. 145).

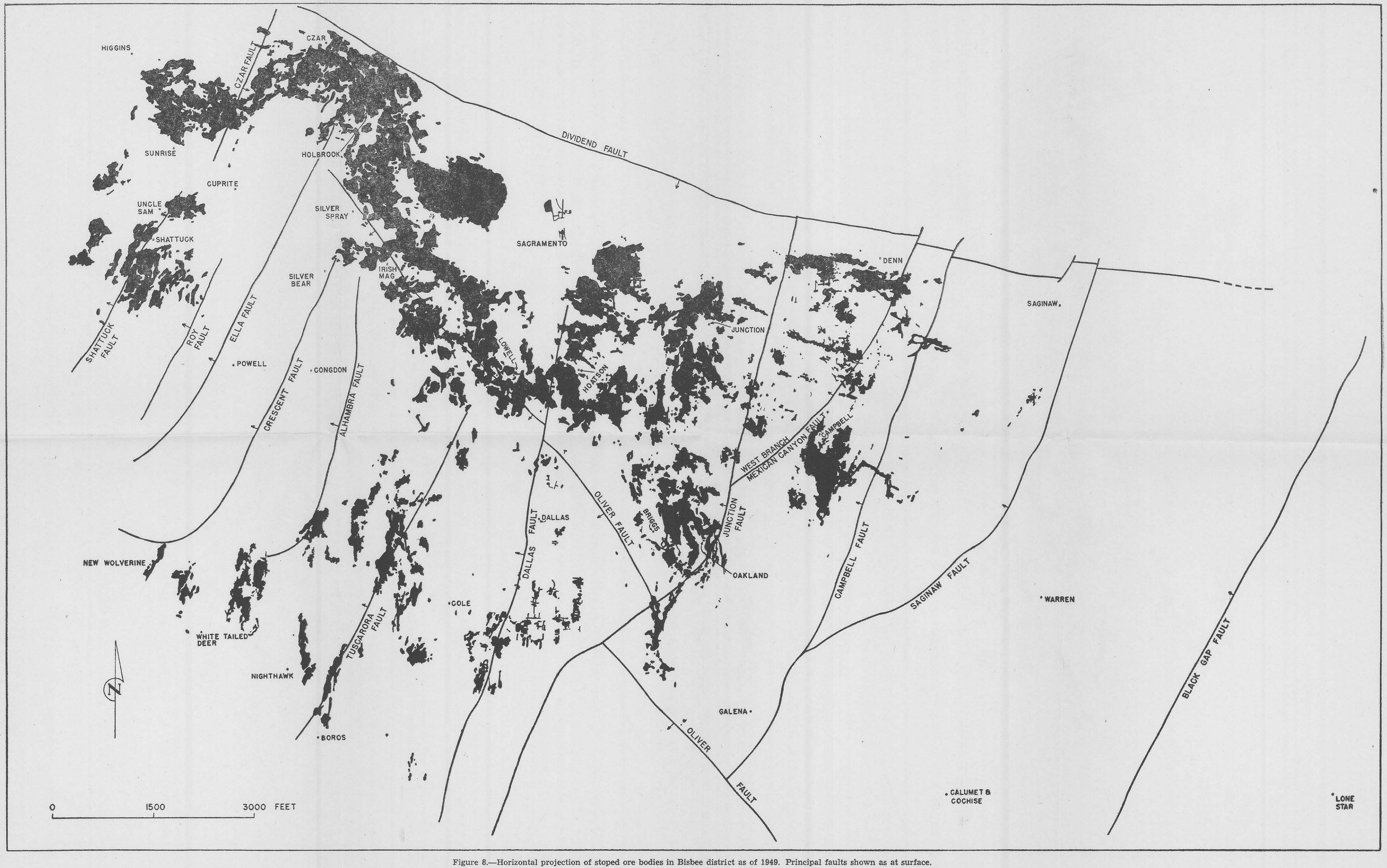

Figure 8.—Horizontal projection of stoped ore bodies in Bisbee district as of 1949. Principal faults shown as at surface.

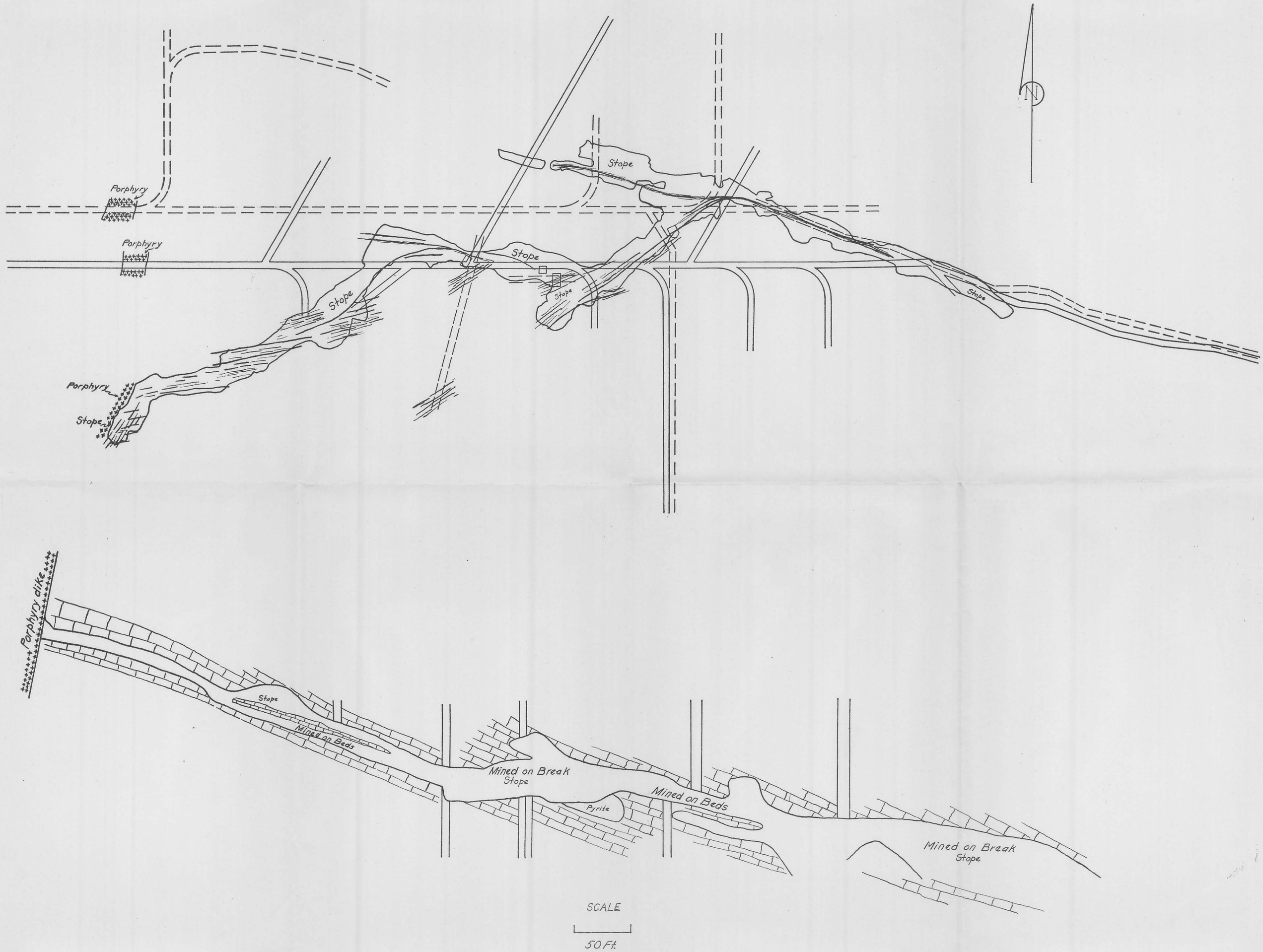

Figure 9.—Generalized plan and section of one type of zinc-lead ore body showing relation to bedding and fissure controls, Bisbee district.

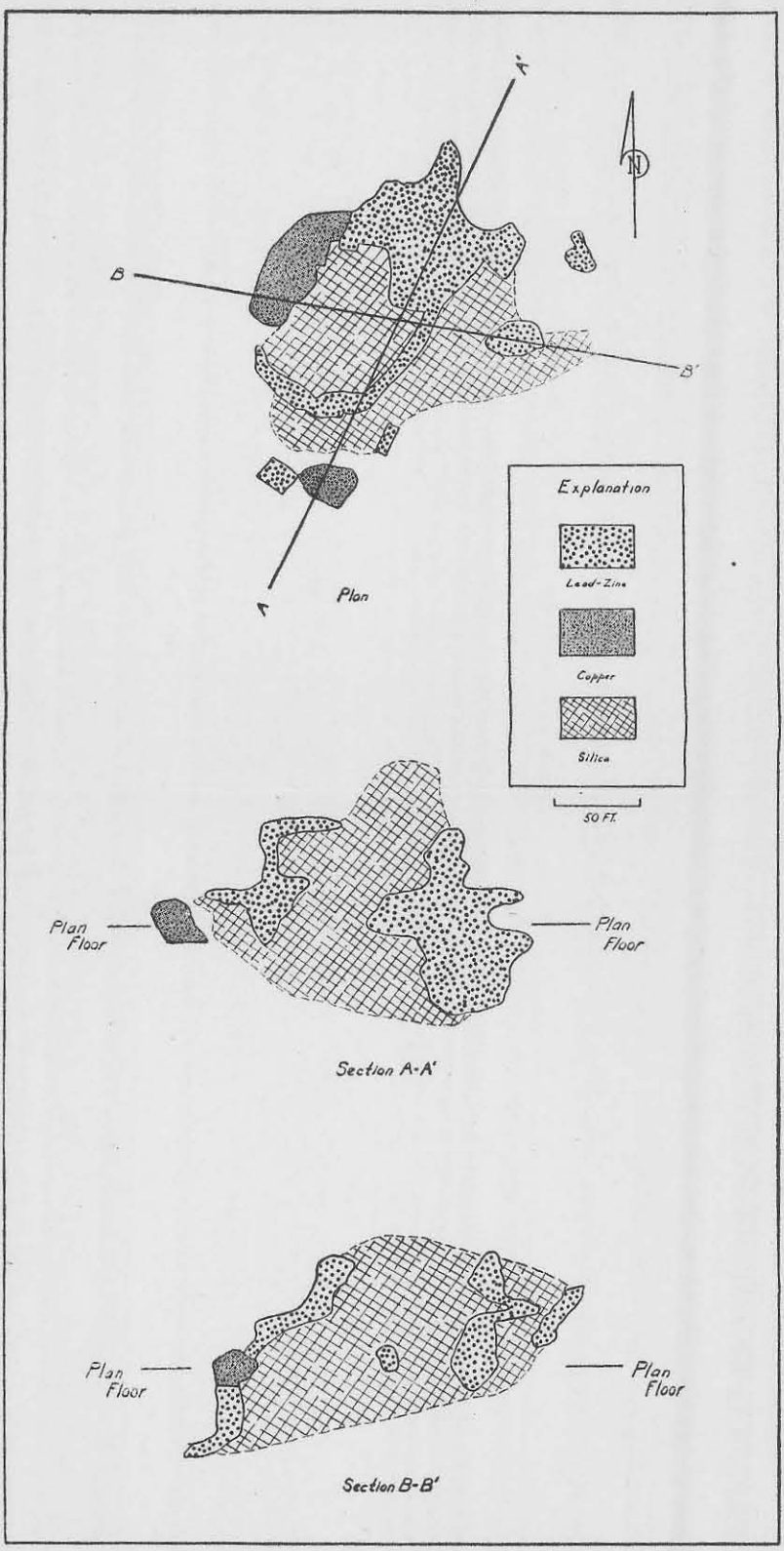

Figure 10.—Generalized plan and sections of a zinc-lead ore body showing peripheral distribution about a silica core, Bisbee district.

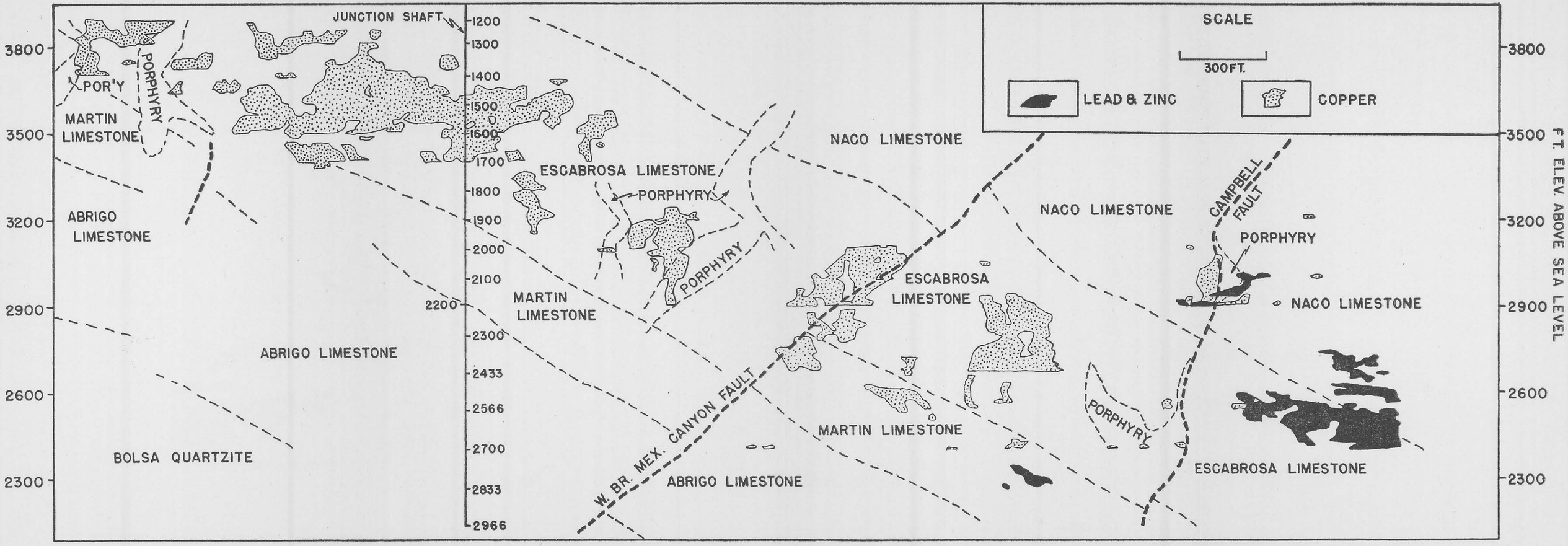

Figure 11.—East-west vertical section through Junction shaft, Bisbee district, showing in composite projection the stoped areas within 250 feet of each side of section.

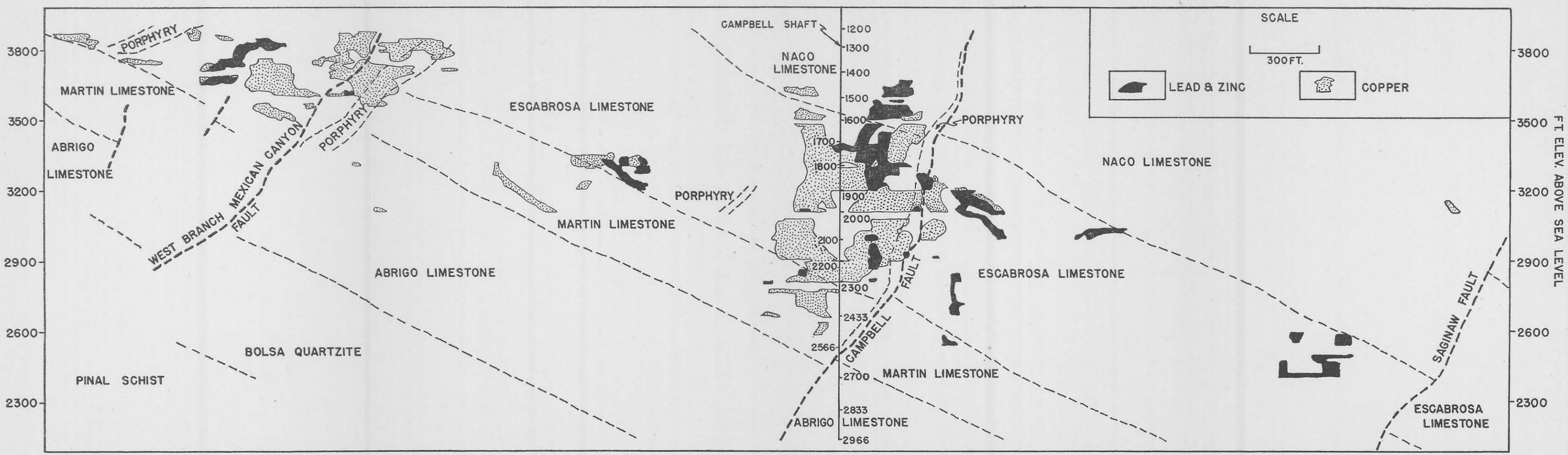

Figure 12.—East-west vertical section through Campbell shaft, Bisbee district, showing in composite projection the stoped areas within 350 feet of each side of section.

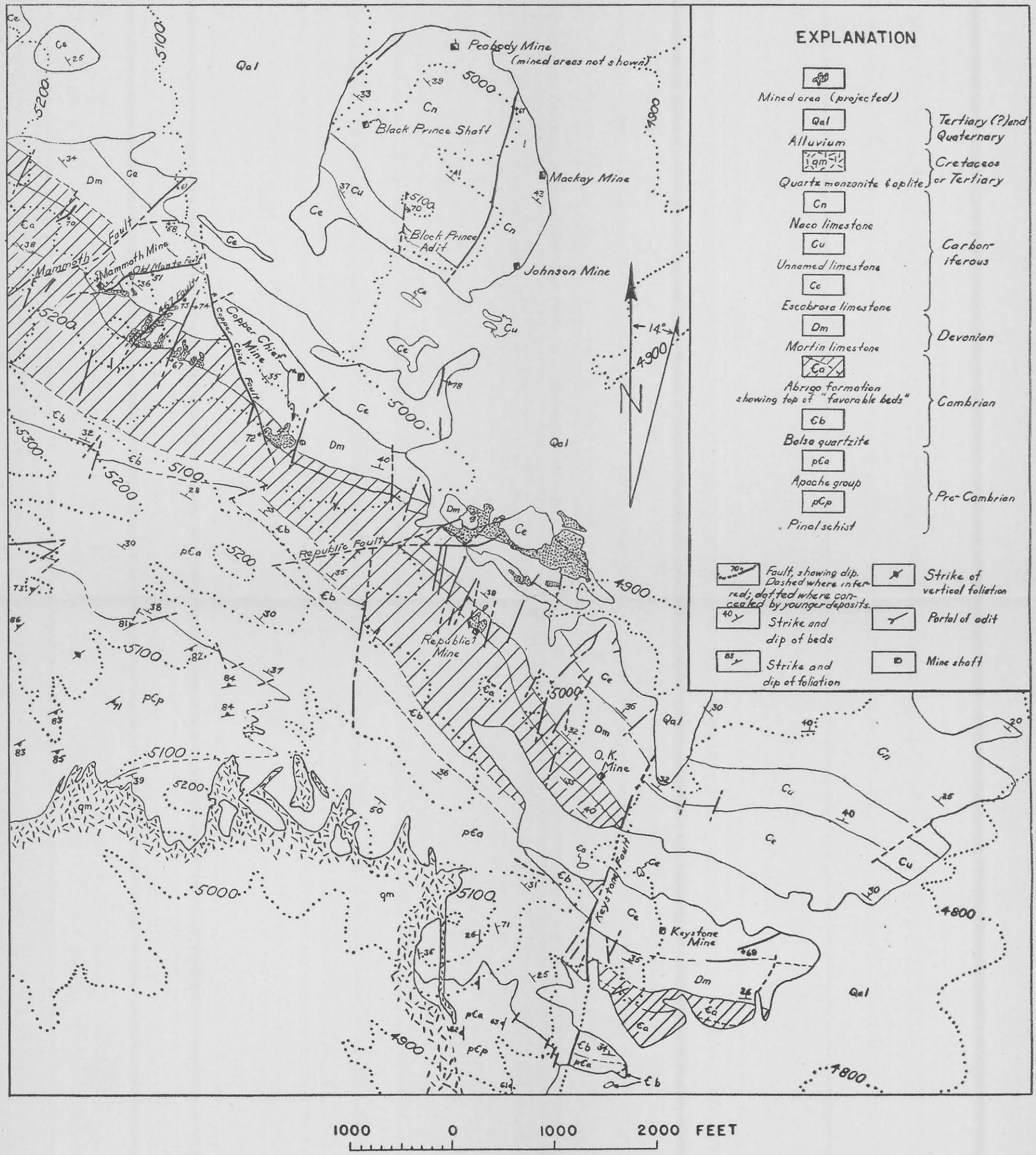

Figure 14.—Geologic map of the Johnson camp copper-zinc area.

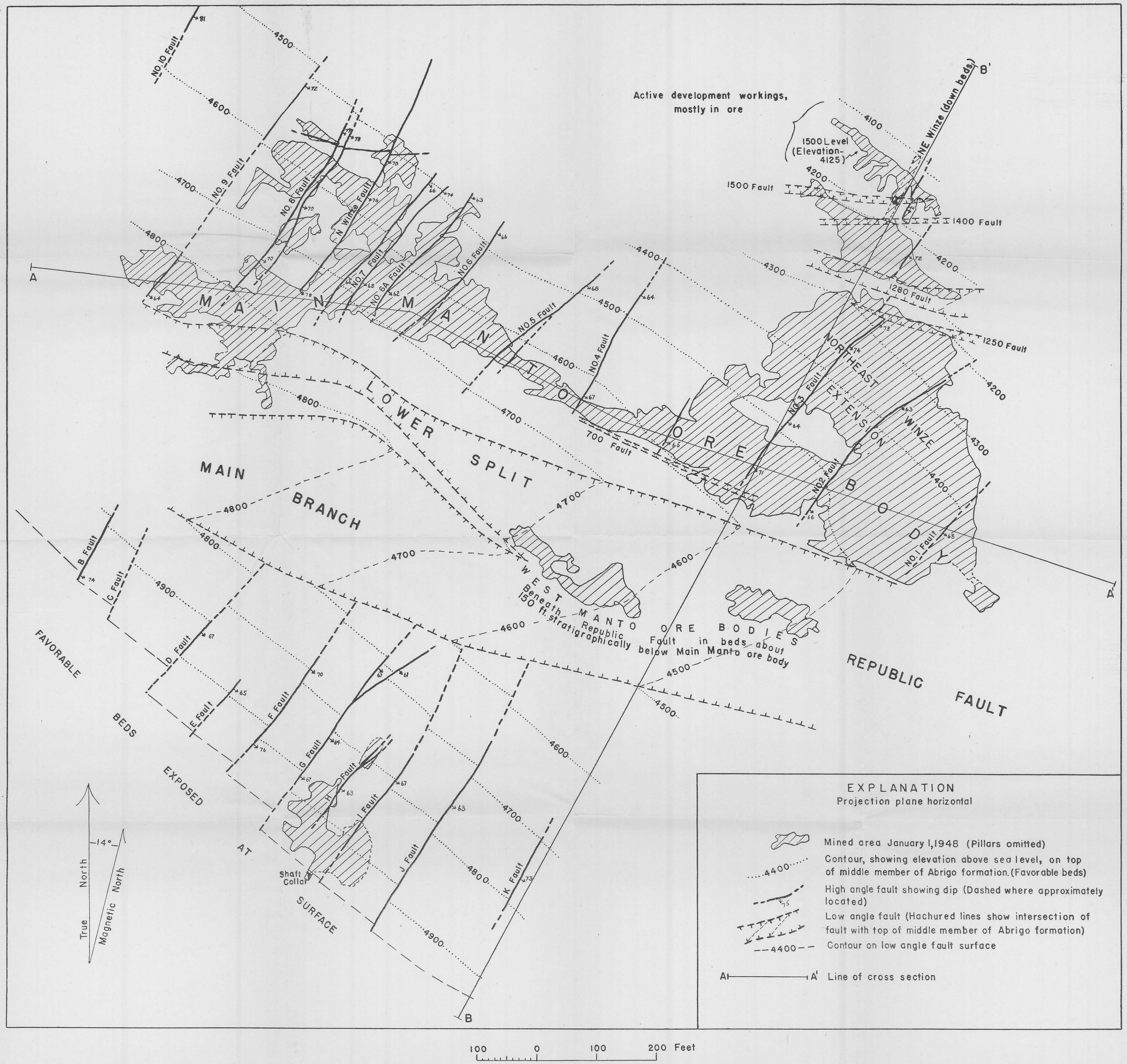

Figure 15.—Ore bodies at the Republic mine.

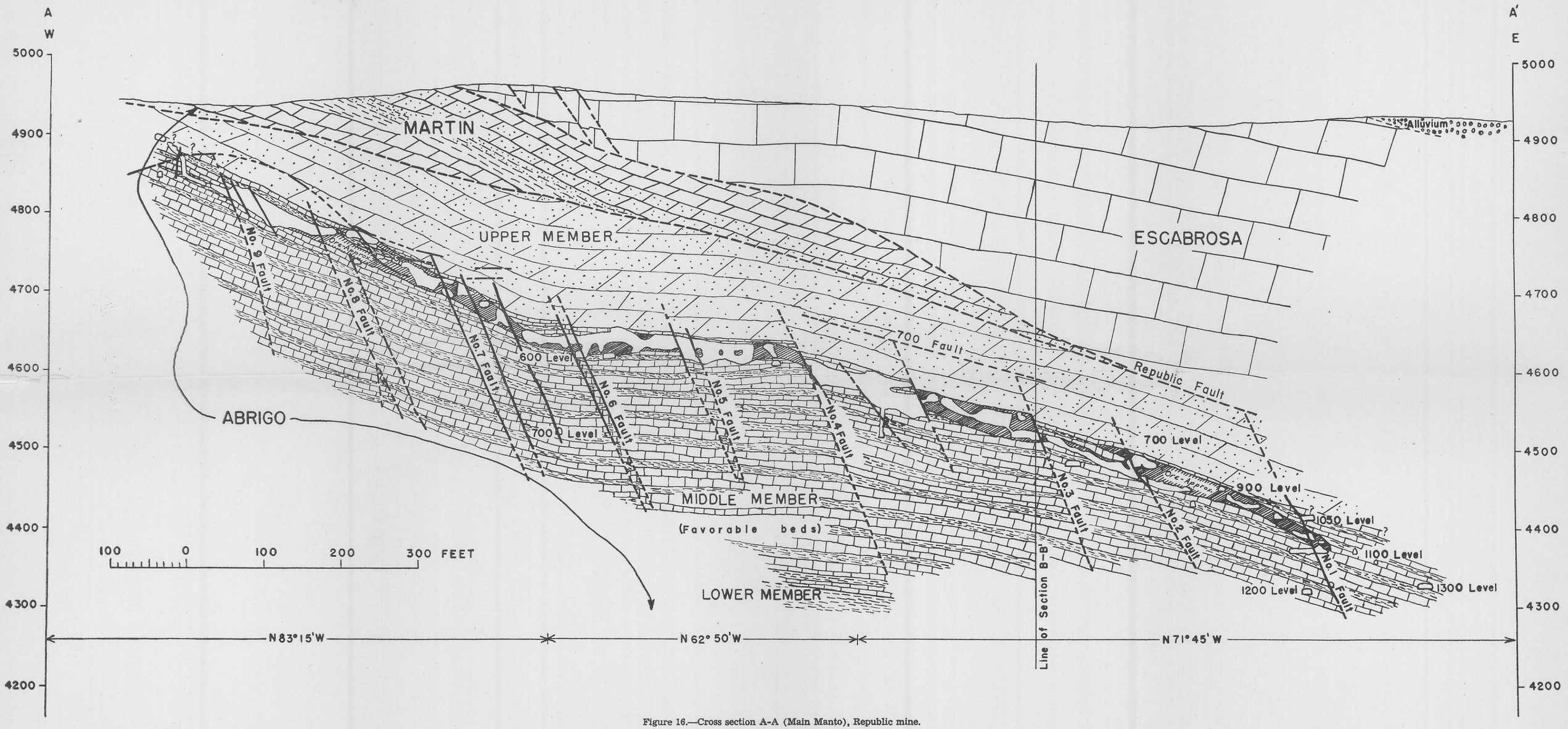

Figure 16.—Cross section A-A (Main Manto), Republic mine.

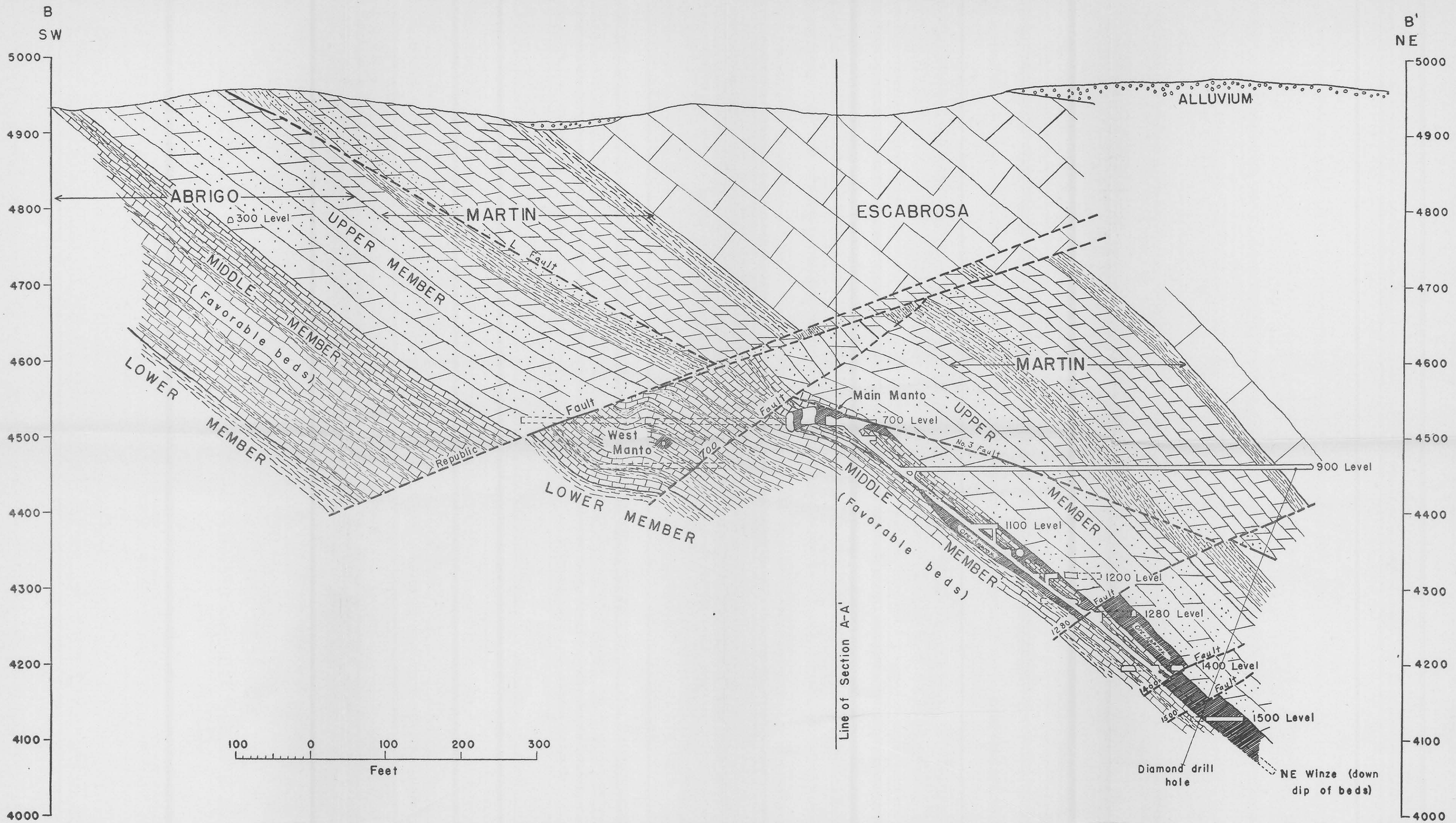

Figure 17.—Cross section B-B (Northeast Winze), Republic mine.

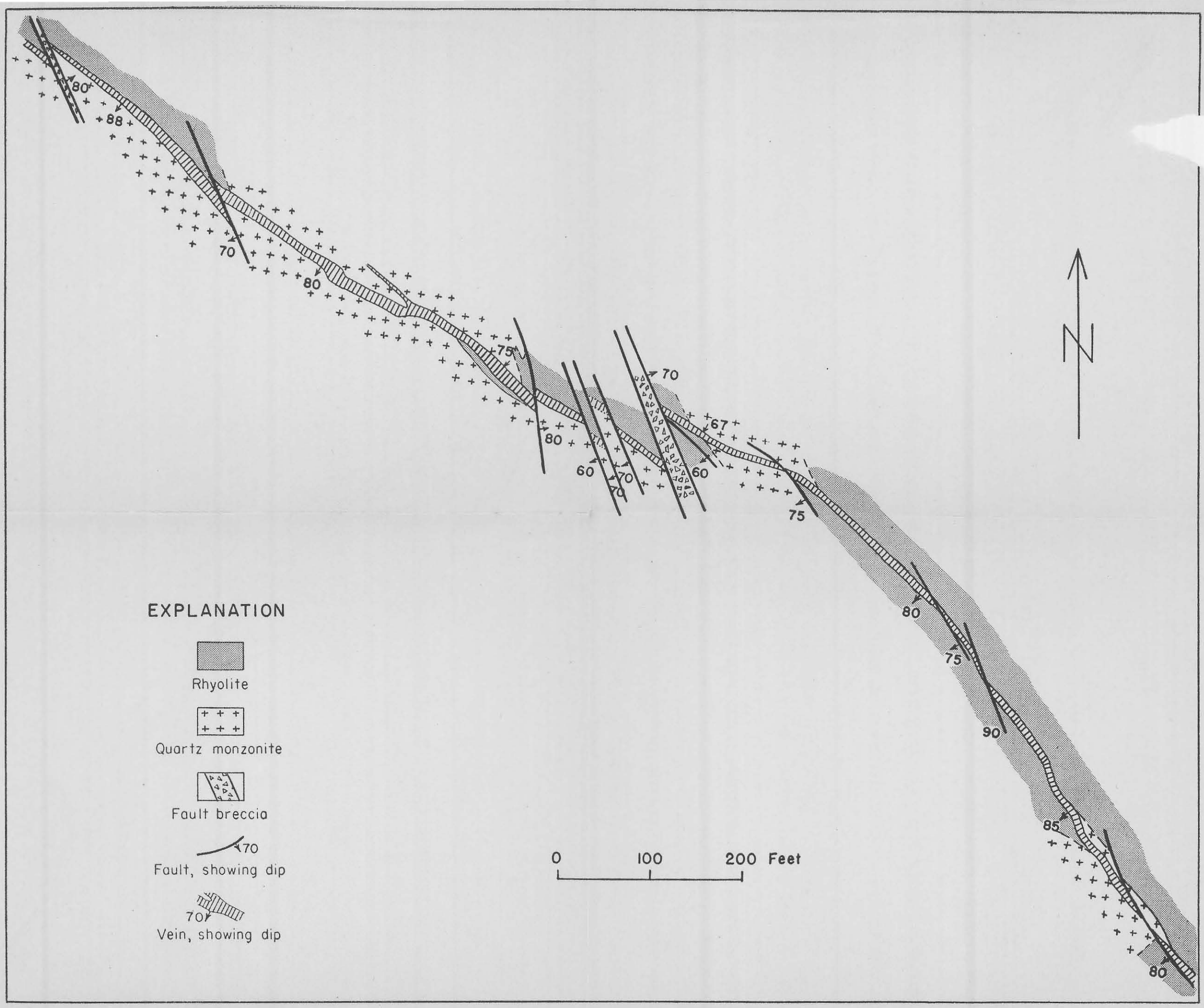

Figure 19.—Generalized map of 900 level, Collins vein, St. Anthony mine.

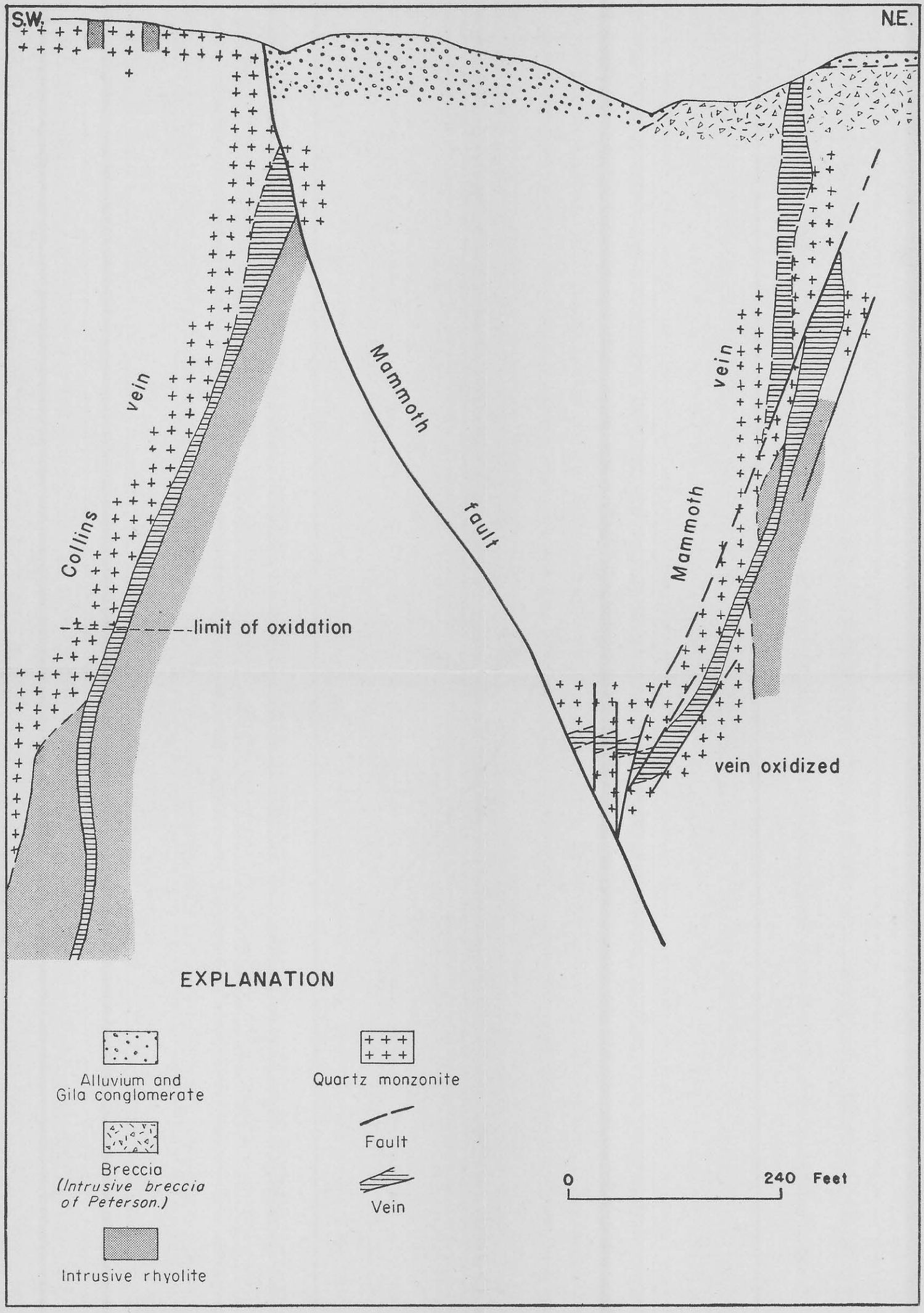

Figure 20.—Generalized cross section, St. Anthony mine.

GEOLOGIC MAP OF SUPERIOR MINING AREA ARIZONA

Geology by M.N. Short, I.A. Ettlinger, F.W. Galbraith, and E.N. Harshman with corrections and additions by H.R. Wardwell and T.H. Kuhn.

Figure 24.—Geologic map of part of Superior area (after N. M. Short and others).

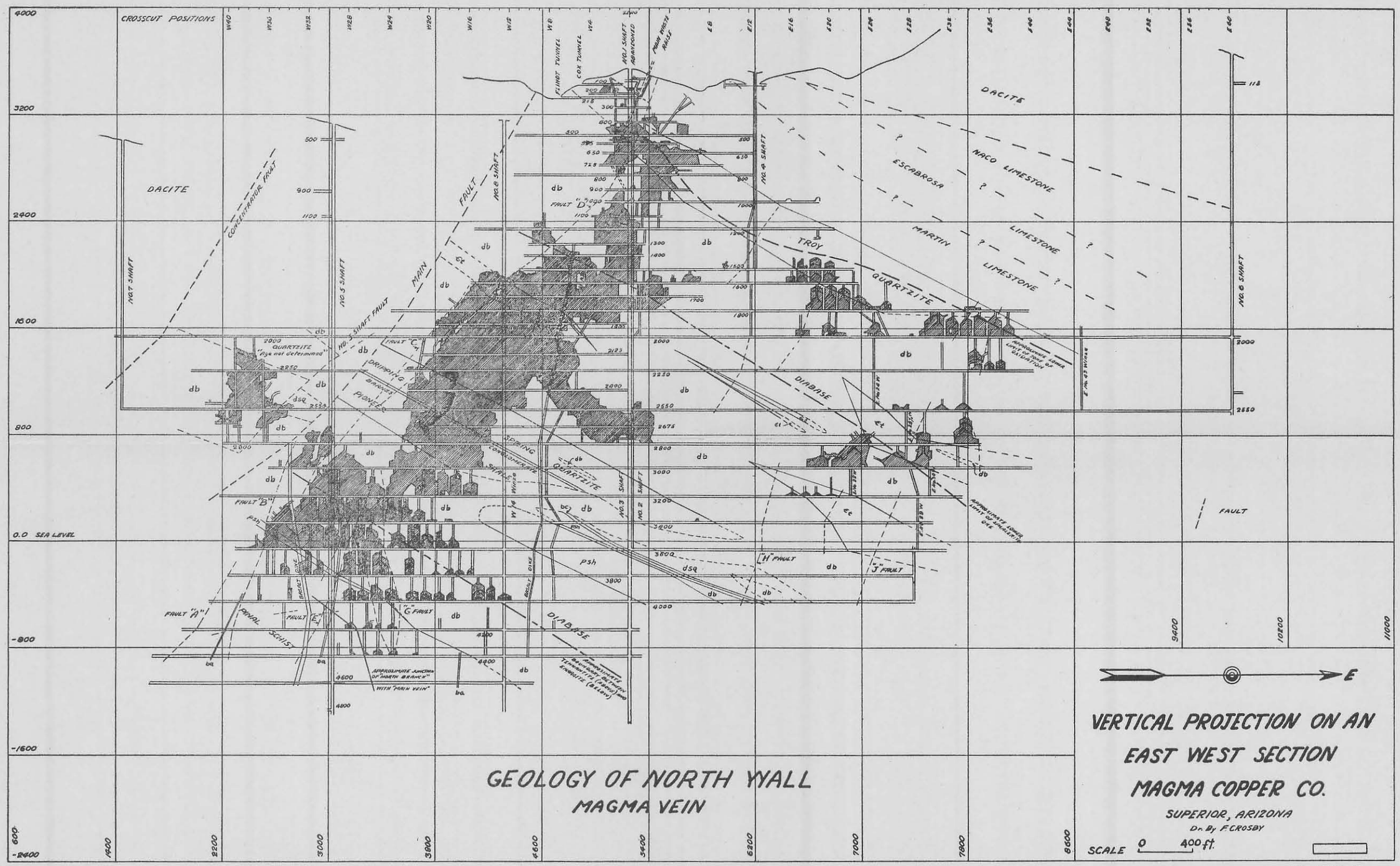

Figure 27.—East-west projection showing geology of north wall of Magma vein (by M. N. Short and others, Ariz. Bur. Mines Bull. 151).

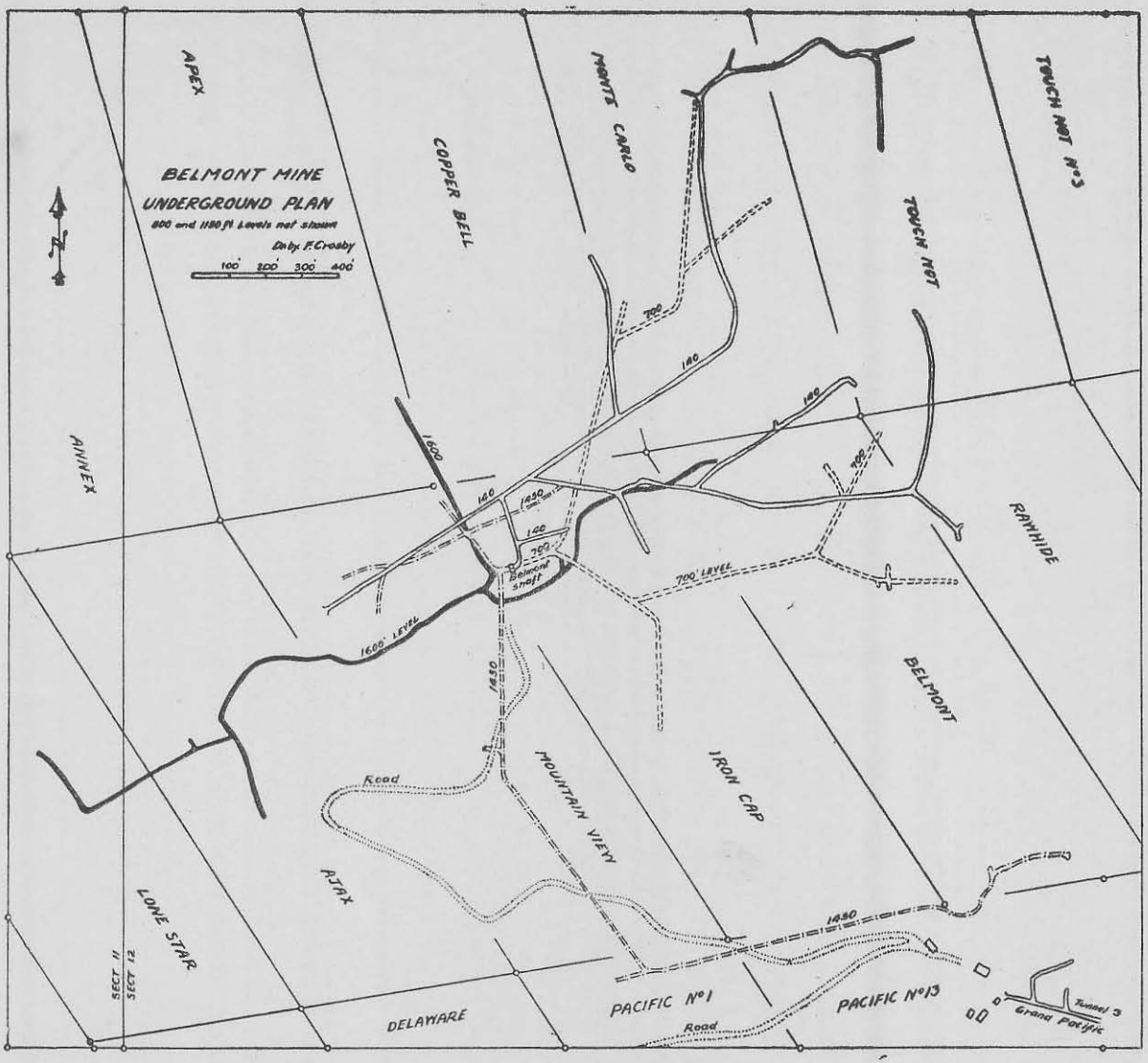

Figure 28.—Composite level map, Belmont mine (by E. N. Harshman, Ariz. Bur. Mines Bull. 151).

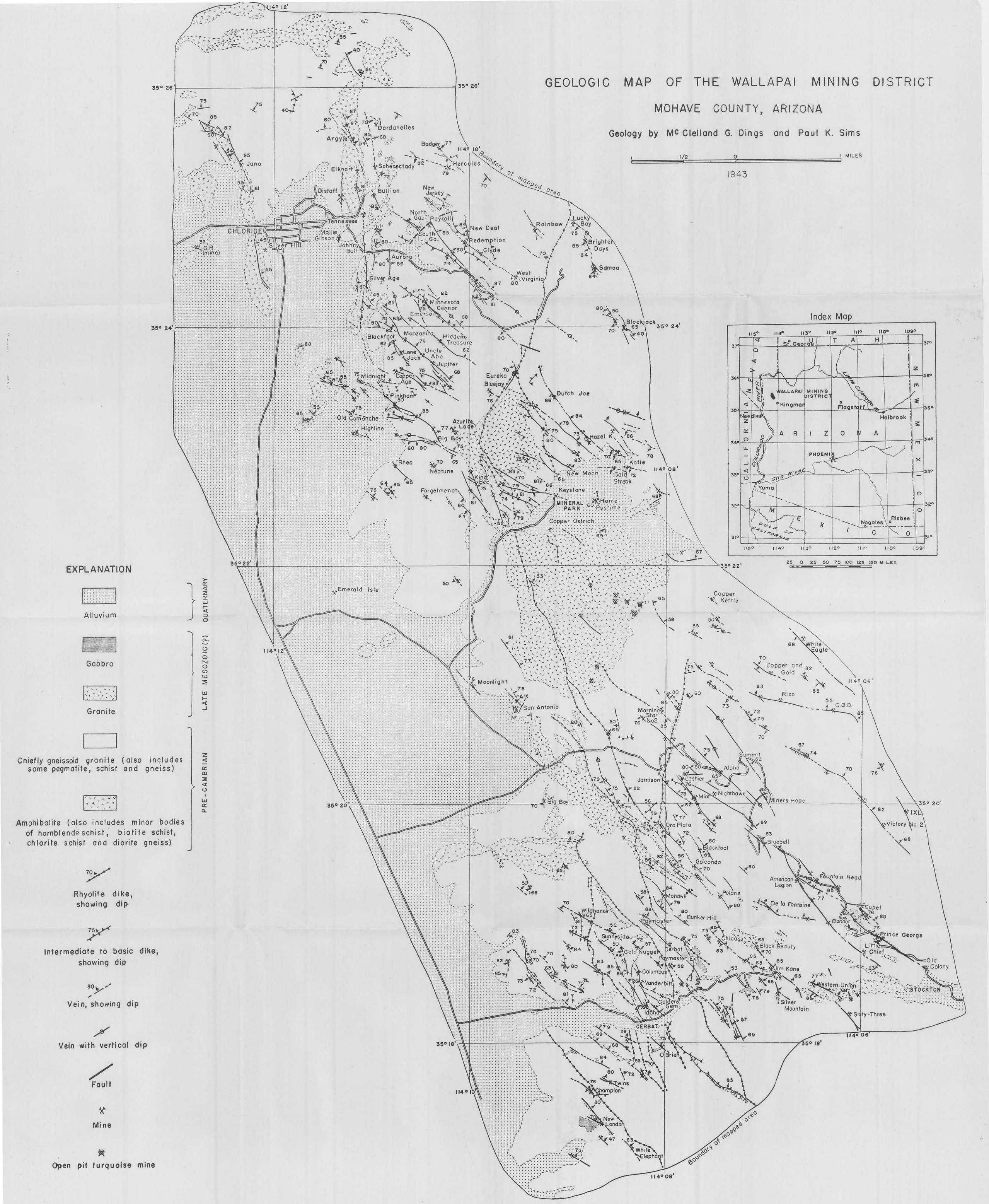

Figure 45.—Geologic map of the Wallapai mining district, Mohave County, Arizona. Geology by McClelland G. Dings and Paul K. Sims.