SYSTEM	FORMATION	UNIT	LITHOLOGY	MAIN FOSSILS AND COLLECTION NUMBER
MISSISSIPPIAN	Perdido Formation 500 ft (part)		Mainly siltstone, partly calcareous; weathers moderate brown	
			Medium-dark-gray limestone, silty limestone, calcareous siltstone, minor sandstone; thinly interstratified chert, weathers mainly brownish gray	24651-PC
	Tin Mountain Limestone 315 ft		Dark- to light-gray limestone, commonly crinoidal in lower and middle parts; minor pale-red argillaceous thin beds; some nodular chert	See plate 3 21950-PC
DEVONIAN	Lost Burro Formation 2,460 ft	lb5 95 ft	Medium-gray and light-gray limestone, partly sandy and silty; interbedded with minor orange-weathering dolomite; calcareous mudstone and conspicuous brown-weathering sandstone and quartzite in upper part	8878-SD *Polygnathus linguiformis*
		lb4 1,130 ft	Predominantly light-gray limestone in upper part; medium-gray limestone and minor dolomite in lower part; widely spaced sandstone and quartzite	7268-SD *"Tenticospirifer" cyrtiniformis*, *"Orecopia" ambiguum* 7270-SD *"Tenticospirifer" cyrtiniformis* 7269-SD *"Orecopia" ambiguum* 7272-SD *Amphipora*, horn corals Horn corals Horn corals Conspicuous massive stromatoporoids and *Amphipora*?
		lb3 300 ft	Interbedded medium-gray limestone and dolomite; silty limestone at top and silty dolomite at bottom; minor sandstone; siliceous components weather light brown to very pale orange	
		lb2 675 ft	Light-gray dolomite containing widely spaced dark-gray dolomite	7275-SD *Stringocephalus*, stromatoporoids 7277-SD *Stringocephalus* 7278-SD *Amphipora*?, stromatoporoids
	Lippincott Member	260 ft	Sandy and silty light-gray dolomite, dolomitic siltstone, sandstone, quartzite, chert; siliceous components weather brown	"Fucoids"
SILURIAN	Hidden Valley Dolomite 1,440 ft — Upper member	h6 80 ft	Muddy dolomite weathering pale red and pale yellowish gray, generally poorly exposed; on ledge-forming light-gray and medium-gray dolomite	JFM62611B1, JFM62427E: *Favosites*, *Siphonophrentis invaginatus*, *Papiliophyllum elegantulum*, *Gypidula* cf. *G. loweryi*
		h5 420 ft	Light-gray dolomite, tinged pale olive; some very light gray dolomite; minor very thin clastic beds in lowest part	
		h4 420 ft	Very light gray and light-gray dolomite; obscure bedding	
	Lower member	h3 400 ft	Medium- to dark-gray dolomite; nodular chert except in lower and uppermost parts	*Halysites* JFM56120A *Conchidium*, *Heliolites* JFM6354F2: *Tryplasma*, *Halysites*, *Alveolites*, *Romingerella*, *Fardenia*, *Rhipidium*, *Atrypina*, *Eospirifer* (*Striispirifer*)
		h2 100 ft	Thinly bedded dolomite and chert; reddish-brown-weathering argillaceous and silty dolomite; intraformational breccia, fossiliferous matrix, near top; generally poorly exposed	JFM6354Ca, JFM661022J: *Halysites* (*Cystihalysites*), *Favosites*, *Heliolites*, *Brachyelasma*, *Ryderophyllum*, *Huronia*, *Huroniella*, *Verticillopora* IFM6659B *Monograptus* of the *M. priodon* type
		h1 20 ft	Medium-gray dolomite; nodular chert	
ORD.	Ely Springs Dol. (part)		Predominantly light-gray dolomite in upper part of Ely Springs Dolomite; sandy dolomite marker bed	

FEET 400, 300, 200, 100, 0 — METERS 100, 50, 0

Note: Darker lines indicate darker rocks

COLUMNAR SECTION OF SILURIAN, DEVONIAN, AND MISSISSIPPIAN ROCKS IN THE RYAN QUADRANGLE, CALIFORNIA

* U.S. GOVERNMENT PRINTING OFFICE: 1974—543-584/82