Table 1.--Fossils from the unnamed middle Permian limestone unit

[Brachiopods identified by J. T. Dutro, Jr.; corals by W. J. Sando, U.S. Geological Survey, Washington, DC; foraminifers by A. K. Armstrong, U.S. Geological Survey, Menlo Park, CA]

Map number	Locality number	Field number	Stratigraphic position	Brachiopods: Spiriferella aff. S. saranae (de Verneuil)	Coral: Lophophyllidium sp.	Foraminifera: Bradyina? sp.	Endothyra sp.	Globivalvulina sp.	Langella aff. L. conica (De Civrieux and Dess)	Langella sp.	aff. Monotaxioides? sp.	Protomodosaria sp.
65	27566-PC	79AMb80	Unknown	X	X	X	X	X	X	X	X	X

Table 2.--Megafauna from the unnamed Upper Triassic limestone unit

[Fossils identified by N. J. Silberling and G. D. Stanley, Jr., U.S. Geological Survey, Denver, CO, and Washington, DC]

Map number	Locality number	Field number	Stratigraphic position	Ammonites: Allocelites sp.	Discotropites sp.	Indet. Haloritid	?Metasibirites sp.	Pelecypods: Monotis sp.	Oxytoma sp.	Minetrignonia sp.	Misikella hoyeri (Schlotheim)	Monotis subcircularis (Gabb)	Monotis cf. M. subcircularis (Gabb)	Monotis aff. M. hawnensis	?Palaeoneilo sp.	Pinna sp.	?Pitricola sp.	Gastropods: ?Purpuroina sp.	Indet. high-spired gastropod	Corals: Elysastraea whiteavesi (Clapp and Shimer)	Indet. scleractinian corals	Hydrozoans: Spongiomorpha cf. S. ramosa (Frech)	Indet. Spongiomorpha	Indet. hydrozoans	Other fossils: Indet. rhynchonellid brachiopods	Scaphopod shells
57	D11289	80ADt170	Unknown	- - - -				- - - -	X	- - - - -								- -		- -		- - -			- -	
58		80ADt173	Unknown	- - - -				- X - - -		- X - - -	X							X X		X -		X X -			X -	
58	D11290	80ADt173b	Unknown	- - - -				- - - -	X	- - - - -								- -		- -		- - -			- -	
60		80ADt174	Unknown	- - - X				- - - -		- - - -	X							- -		- -		- - -			- -	
62		80ADt175	Unknown	- - - -				X - - X		- - - X								- -		- -		- - -			- -	
64	D11288	80ADt176	Unknown	- - - -				- - - -	X	- - - - -								- -		- -		- - -			- -	
63		79AEg5	Basal	- - - -				- - - -		- - - - -								- -		- -		- - -			-	X
63		79AEg5-1	6 m above base	- - - -				- - - -		- - - - -								- -		- X		- - -			- -	
63		79AEg5-2A	15 m above base	X - - -				- - - -		- - - - -								- X		- -		- - -			- -	
63		79AEg5-3	30 m above base	- - - -				- - - -		- - - - X								- -		- X		- - -			- -	
63		79AEg5-4D	115 m above base	- - - -				- - - -	X	- - - - -								- -		- -		- - -			- -	
63		79AEg5-4G	137 m above base	- - X -				- - - -		- - - - -								- -		- -		- - -			- -	
59		79AMb56b	Unknown	- - - -				- - - -		- - - - -								- X		- -		- - -			- -	
59		79AMb56d	Unknown	- X - -				- - X -		- - - - X								- -		- -		- - -			- -	
61		79AJm13	Unknown	- - - X				- - - -	X	- - - - -								- -		- -		- - -			- -	

Table 3.--Megafauna from the Talkeetna Formation

[Fossils identified by R. W. Imlay, U.S. Geological Survey, Washington, DC]

Map number	Locality number	Field number	Stratigraphic position	Ammonites: Arnioceras cf. A. densicostata (Quenstedt)	Discamphiceras cf. D. toxophorum (Gumbel)	Discamphiceras sp.	Psiloceras sp.	Psiloceras cf. P. planorbis (Sowerby)	Waehnerocerras cf. W. tenerum (Neumayr)	Pelecypods: Camptonectes (Camptochlamys) sp.	?Camptonectes sp.	?Camptonectes sp.	Oxytoma cipriper	Oxytoma sp.	Unident. pelecypod	Other fossils: Indet. brachiopod	Indet. gastropod	Indet. colonial coral
48	31822	79AMb63	192 m above base	- X - -	X	X -				- - - - -						- - -		
49	31823	79AES17b	5 m above base	- - -	X	- X	-			- - - - -						- - -		
56	30250	80ADt166	Unknown	- - X -	-	X	X			- - - - -						- - -		
55	30251	80ACe228	Unknown	- - - -	-	- - -	-			X - - - -						- - -		
47	30252	80AJm2	Near top	- - - -	-	- - -	-			- - - -	X					- - -		
47	30252	80AJm2A	Above JM2	- - - -	-	- - -	-			- - - -	X					- - -		
47	30253	80AJm3	Above JM2A	X - - -	-	- - -	-			X - - -	-					- - -		
45	32302	81JHC4	10 m below top	- - - -	-	- - -	-			- - X -	X					- X -		
46	32303	81JHC5	85 m below top	X - - -	-	- - -	-			- - - X	-					- - -		

Table 4.--Megafauna from the Kialagvik Formation

[Fossils identified by R. W. Imlay, U.S. Geological Survey, Washington, DC; b.t., below top]

| Map number | Locality number | Field number | Stratigraphic position | Cephalopods: Abbasites platystomus Westermann | ?Abbasites sp. | Aspidoceras (Paragonolla) oppeliformis Westermann | Callipavlovicerras sp. | Indet. Haploceratid | Indet. Haploceratid | Pelecypods: Doctodoceras (Pseudodoceras) camachi Westermann | D. (Pseudodoceras) cf. D. (P.) camachi Westermann | D. (Pseudodoceras) gilmanni Westermann | D. (Pseudodoceras) wrideyanense Westermann | D. (Pseudodoceras) wrideyanense Westermann | D. (Pseudodoceras) cf. D. (P.) wrideyanense Westermann | D. (Pseudodoceras) sp. | cf. D. (Pseudodoceras) sp. | ?Doctodoceras sp. juv. | Epicheloceras sp. | Epicheloceras hoyeri (White) | Erycitoides cf. E. howelli (White) | Erycitoides grossicostatum Westermann | Erycitoides grossicostatum Westermann | Erycitoides terni Westermann | Erycitoides cf. E. terni Westermann | Erycitoides sp. | Kialagvikites kialagvikensis Westermann | Kialagvikites sp. | Lytoceras sp. | Lytoceras sp. | Lytoceras sp. | Epalxites Westermann | Epalxites sp. | Epalxites sp. | Epalxites sp. | cumbricoceras cf. E. amplectens (Buckman) | Epalxites cf. E. (Eupalxites) amplectens (Buckman) | Epalxites cf. E. (Eupalxites) cf. E. (Eupalxites) sp. | Epalxites cf. E. (Eupalxites) sp. | Epalxites cf. E. (Eupalxites) sp. | Epalxites cf. E. (Eupalxites) sp. | Pleuroceras sp. | Somnina (Echioceras) sp. | Holcophylloceras sp. | Nannolytoceras crassicostatum Imlay | Parabolotites cf. P. crassicostatum Imlay | Parabolotites sp. | Parabolotites sp. | Phylloceras cf. P. sp. | Phylloceras sp. | Phylloceras sp. | Phylloceras