Volume 62: Chapter 29: Table 2. Characteristics of burrows in DSDP Leg 62 cherts.

Sample	Mineralogy					Morphology				Texture							
										Porosity of Burrow Compared to Host		Grain size of Burrow Compared to Host		Color of Burrow Compared to Host		Burrow/Host Contact	
	Quartz	Opal-CT	Calcite	Fe-Oxides and Clays	Host Rock and Remarks	*Chondrites*	*Zoophycos*	*Cylindrichnus* or *Planolites*	Others and Remarks	Greater	Less	Larger	Smaller	Lighter	Darker	Sharp	Gradual
463-6-6, 36 cm	X	X	Minor		Brown chert	<2 mm dia.				?				X			X
463-9-3, 50	X		X	X	Brown chert	X		?		X		X		X			X
463-9-3, 53	X	?				?<2 mm		>2 mm dia.		X				X			X
463-10-6, 77	Fibrous and microquartz purer than host	?			Host sediment inclusions in burrow, chert burrow in calcareous quartz-opal-CT porcellanite			5 × 3½ mm			X		X		X	X	
463-10-6, 82	Major in burrow, minor in host	?			Chert burrows in calcareous porcellanite	Small burrows present <2 mm		3-6 mm wide	Large burrow was re-burrowed		X		X		X	X	
463-13-6, 98	X	Opal-CT transition zone, or replaced burrow fill		Less than in host	Quartz-opal-CT siliceous chalk			X			X		X		More translucent		Transition zone
463-16-1, 48	X	X			Opal-CT-quartz siliceous chalk	1 mm		3 mm dia., and one 7 × 4 mm			X		X		X	X	
463-22,CC	X				Brown chert, quartz porcellanite with siliceous chalk	? 1 mm and less						X		X			
463-25-1, 12	Not as pure as host for *Zoophycos*, *Chondrites* very clean microquartz	Replaces back-filled laminae in *Zoophycos*	More than host	More in burrow than in host	Brown chert	Clean microquartz burrows	4-7 mm wide, back-filled	2-3 mm burrows		No difference noted			X	Gray			X
463-26-6, 21	X	?			Brown chert	1 mm		? round, 2½ mm		X				X		?	
463-31-1, 27	Cryptocrystalline	Minor, in a wide transition zone	Minor	More than host	Siliceous chalk			7-10 mm, irregular			X		X		X		Transition zone several mm wide
463-31,CC	X	X			White and brown chert	Several generations		Irregular, several generations	Large brown chert burrows in contact with gray/white porcellanite					Most smaller burrows	Large and some small burrows		Faint transition zone
463-33-2, 85	X	X			Brown chert	X								X			
463-40,CC	X		More than host, decreases in transition zone		Gray chert	X								White burrows in gray chert			Transition zone
463-45,CC	Not as pure as microquartz host	X	More than in host	One large burrow mainly clayey chalk, Fe-oxide dirty chert ring around large burrow	Gray chert	X X		X X 9 mm dia.	Some *Chondrites* inside larger burrows	X		X		Most	Some		X
463-49,CC	X		X	X	Gray chert												
463-54,CC	More than host	Rim of opal-CT and quartz more than in host		Rim and in burrow dirtier than host	Siliceous chalk			2 × 4 mm	Helminthoida?		X			White rim	X		Opal-CT, Fe-oxide, clay transition zone
463-59-1, 38	X		X		Chalk			Irregular			?			Vaguely			
463-59-1, 92	X	Minor	X		Chalk					The same in both					Vaguely		
463-59-1, 109	More than host	In burrow and host	X (and dolomite)	Minor in host and burrow	Chalk			3 mm round			X		X		X		
463-60-1, 30	X	Opal-CT > quartz			Siliceous chalk	X			Extensively burrowed, many generations		X		X		X		?
463-60-1, 82	More in burrows than host	X	X	Less than host	Extensively burrowed siliceous chalk	Good example of *Chondrites*				About the same in both		The same in both		X		X	
463-69-1, 82	X?		X?	X	Mixed ash, chalk, and chert	Small burrows					X		X		X	X	
463-81-2, 3	X				High burrowed, gray, wavy, laminated chert-chalk						X		X		X	X	
463-81,CC	X	Most in transition zone	X		Extensively burrowed and banded white and gray chert and siliceous chalk	Small		Larger burrows, mixed the two lithologies		Mostly	X	Mostly	X	Mostly	X		Transition zones
463-89-1, 35	Back-filled laminae, more quartz-rich than rest of burrow		X	Clays and organic debris concentrated in burrow laminae	Calcareous chert		In chert host			X			X	X		X	
464-10-4, 34	Less in *Planolites* than host	Minor in *Planolites*		Less than in host	Porcellanite? and cream chert burrows in brown chert	X		Irregular		*Planolites*	*Chondrites*	X	X	X		X	
464-10-4, 91	Less pure than host				Light-brown burrows in dark-brown chert	Small		Large, round and irregular burrows			X	X		X		X	
464-11-1, 22	X				Laminated porcellanite with quartz veins			?			X	?		X		X	
464-14-1, 40	Microquartz finer-grained and much cleaner than host, finely dispersed pyrite[a]	Opal-CT, clay, pyrite, calcite?, some filled only with pyrite[a]	Opal-CT type[a]	Opal-CT type[a]	Extensively burrowed, pyritized, gray radiolarian chert	X		X			X		X			Smaller burrows	
464-17,CC	Some with clean microquartz rims, some filled with coarse-grained chalcedony	The burrows are concentrations of clays, Fe-oxides, calcite, etc., the cleanest of which are also found more dispersed in the host, but separated from the burrows by microquartz rims			Siliceous red jasper, extensively burrowed with white siliceous chalk rims	X		Siliceous-chalk-lined chert burrow, 2.5 cm long, removed from the host	Extensively burrowed, many generations, some rimmed burrows	?		Except for some burrow rims		Some	Some	X	
464-25-1, 39	X		X	Trace?	Jasper with quartz porcellanite and chert burrows	X		Irregular shape, some round		X		X		X		X	
464-25-1, 72	X		Trace	Trace	Jasper with quartz porcellanite and chert burrows	Small				Some	Some	X		X		X	
464-27-1, 23	X		Minor		Jasper	X		X	Ringed burrows		?	X		X		Burrow rim is rich in foraminifers and other microfossil impressions	
464-29-1, 138	In burrow rims			Traces present in host and burrows; fine-grained magnetite concentrated in burrows; hematite staining most in host, medium in burrow, least in burrow rims	Dark-brown chert with light-brown chert burrows			Irregular but sub-parallel to bedding	Extensively burrowed		?	X		X		X	

Note: X = present.
[a] Microquartz and opal-CT types distinct.