

## WRIXONDALE-1

DEPT. NAT. RES & ENV  
PE900761

DEPTH (m)	768.0	772.0	790.0	795.0	815.0	854.0	875.5	925.0
<u>SPORES AND POLLEN</u>								
<i>Arecipites waitakiensis</i>	.	.	.	.	.	.	.	.
<i>Beaupreaidites elegansiformis</i>			x	x				x
<i>Cyathidites australis</i>			x					x
<i>Ericipites crassiexinus</i>	x	x			x	x	x	x
<i>Ericipites scabratus</i>			x	x	x			x
<i>Gephyrapollenites calathus</i>								x
<i>Gleicheniidites circinidites</i>	x							x
<i>Haloragacidites harrisii</i>	x	x	x	x	x	x	x	x
<i>Helciperites astrus</i>					x			x
<i>Ilexpollenites</i> spp.			x	x			x	x
<i>Lygistepollenites florinii</i>	x	x	x		x			x
<i>Malvacipollis subtilis</i>			x			x		x
<i>Microcachryidites antarcticus</i>	x	x	x		x			x
<i>Nothofagidites asperus</i>			x	x	x	x	x	x
<i>Nothofagidites brachyspinulosus</i>			x	x	x	x	x	x
<i>Nothofagidites emarcidus</i>	x	x	x	x	x	x	x	x
<i>Nothofagidites heterus</i>			x	x	x		x	x
<i>Periporopollenites demarcatus</i>			x	x			x	x
<i>Phyllocladidites mawsonii</i>			x	x	x	x	x	x
<i>Podocarpidites ellipticus</i>	x	x	x	x	x	x	x	x
<i>Polycolpites esobalteus</i>	x							x
<i>Polypodiidites perverrucatus</i>								x
<i>Proteacidites subscabratus</i>	x		x		x	x	x	cf
<i>Rhoipites sphaerica</i>								x
<i>Santalumidites cainozoicus</i>							x	x
<i>Tricolpites simatus</i>				x			x	x
<i>Tricolpites thomasii</i>								x
<i>Tricolporites valvatus</i>							x	x
<i>Araucariacites australis</i>	x	x					x	
<i>Cupanieidites orthoteichus</i>				x			x	
<i>Dilwynites granulatus</i>							x	
<i>Milfordia homeopunctata</i>				x			x	
<i>Myrtaceidites mesonesus</i>	x						x	
<i>Nothofagidites flemingii</i>			x		x	x	x	
<i>Nothofagidites goniatius</i>			x	x			x	
<i>Periporopollenites polyoratus</i>				x			x	
<i>Propylipollis crassimarginis</i>							x	
<i>Proteacidites adenanthoides</i>							x	
<i>Proteacidites crassus</i>	x	x						cf
<i>Proteacidites simplex</i>						x	x	
<i>Rhoipites</i> sp.	x	x	x			x	x	
<i>Rugubivesiculites</i> sp.			x	x			x	
<i>Tricolporites leuros</i>							x	
<i>Dacrycarpites australiensis</i>	x	x	x	x	x	x		
<i>Laevigatosporites ovatus</i>	x	x	x			x		
<i>Rhoipites paenestriatus</i>						x		
<i>Cyathidites minor</i>	x	x		x	x			
<i>Liliacidites bainii</i>				x				
<i>Myrtaceidites eucalyptoides</i>				x				
<i>Nothofagidites falcatus</i>	x	x	x	x				
<i>Propylipollis annularis</i>		x		x				
<i>Tripoporopollenites chnosus</i>			x	x				
<i>Aglaoreidia qualumis</i>			x					
<i>Anacolosidites luteoides</i>			x					
<i>Granodiporites nebulosus</i>			x					
<i>Ischyosporites gremius</i>	?	x	x					
<i>Laevigatosporites major</i>	x	x	x					
<i>Phyllocladidites palaeogenicus</i>			x					
<i>Podosporites microsaccatus</i>			x					
<i>Polypodiidites</i> cf. <i>repandus</i>			x					
<i>Polypodiidites inangahuensis</i>			x					
<i>Proteacidites pseudomoides</i>			cf					
<i>Alisporites varius</i>		x						
<i>Foveotriletes lacunosus</i>	x	x						
<i>Matonisporites mullerii</i>		x						
<i>Nothofagidites vansteenisii</i>		x						
<i>Phyllocladidites verrucatus</i>		x						
<i>Polypodiaceoisporites retirugatus</i>	x	x						
<i>Proteacidites granulatus</i>		x						
<i>Proteacidites recavus</i>	x	x						
<i>Retitriletes austroclavatidites</i>	x	x						
<i>Rugulatisporites mallatus</i>		x						
<i>Sapotaceoidaepollenites</i> sp.		x						
<i>Stereisporites antiquasporites</i>	x	x						
<i>Verrucatosporites confragosus</i>	x	x						
<i>Verrucosisporites cristatus</i>	x	x						
<i>Banksiaeaidites minimus</i>	x							
<i>Cingutriletes comaumensis</i>	x							
<i>Gleicheniidites senonicus</i>	x							
<i>Osmundacidites wellmanii</i>	x							
<i>Periporopollenites</i> sp.	x							
<i>Periporopollenites vesicus</i>	x							
<i>Tetracolporites verrucosus</i>	x							
<u>MICROPLANKTON</u>								
<i>Lingulodinium machaerophorum</i>	x	x						
<i>Micrhystridium</i> sp.	x	x						
<i>Nematosphaeropsis balcombiana</i>	x	x						
<i>Operculodinium bellulum</i>	x	x						
<i>Operculodinium centrocarpum</i>	x	x						
<i>Operculodinium nanaconulum</i>	x	x						
<i>Spiniferites ramosus gracilis</i>	x	x						
<i>Spiniferites ramosus multibrevis</i>	x	x						
<i>Spiniferites ramosus ramosus</i>	x	x						
<i>Implementosphaeridium</i> sp.		x						
<i>Eatonicysta</i> sp.		x						
<i>Spiniferites mirabilis</i>		x						
<i>Eocladopyxis peniculata</i>	x							
<i>Spiniferites microceras</i>	x							
<i>Spiniferites ramosus granomembranaceous</i>	x							

ENCLOSURE NO. 1

PALYNOMORPHS RECORDED IN WRIXONDALE NO.1

KEY: x = PRESENT, cf = COMPARED WITH, ? = DOUBTFUL.