



## **APPENDIX 8-4**

### **GSIBOREHOLE LOGS**

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DIAMOND DRILLHOLE LOG

GSI Open File	
Box	405
File	8
Item	2

Hole No 2330/1

R.R.	
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Geology Log

- 0.0 - 2.0 m Overburden  
No Core recovered
- 2.0 - 12.5 m Light to mid grey micrite  
Stylolitic, Black spar,  
Bioclastic Brachiopodia,  
Slight leeching.
- 12.5 - 62.5 m Mid to dark grey fine  
calcarenite, silty intercalations  
Crinoidal, occasional stylolites.
- 62.5 - 81.5 m Light grey bioclastic sparry  
micrite, crinoids and brachiopodia  
Occasionally bleached and  
dolomitised, grades to,
- 81.5 - 104.5 m Initially shaley light to mid  
grey micrite, crinoidal, vague  
stylolites, bleached sections  
toward base.
- 104.5 - 140.8 m Dark grey to black silty  
calcarenite, stylolitic  
vaguely nodular, crinoidal  
occasional black cherts.

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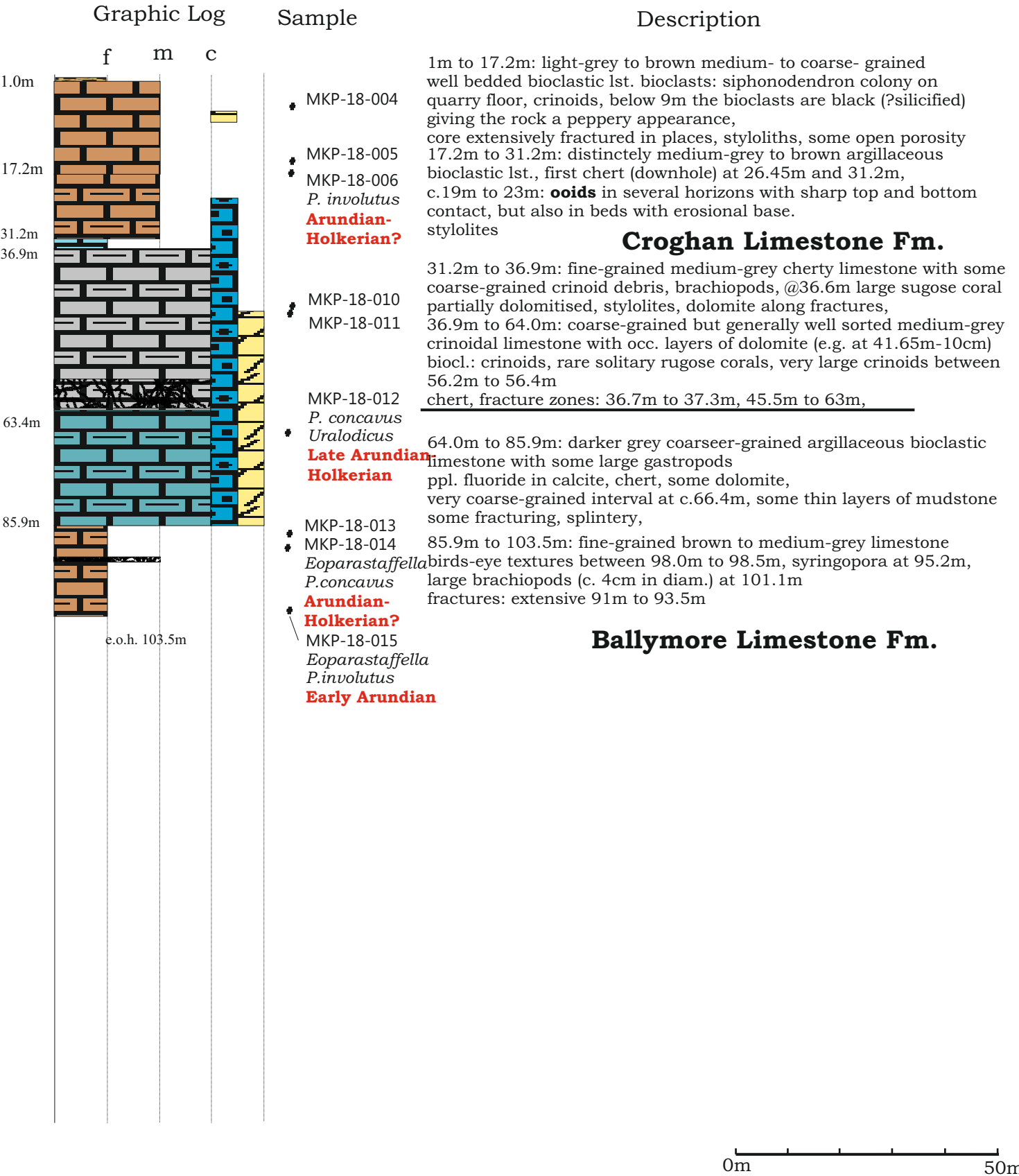
DIAMOND DRILLHOLE LOG

Hole No 2330/1  
Cont/d

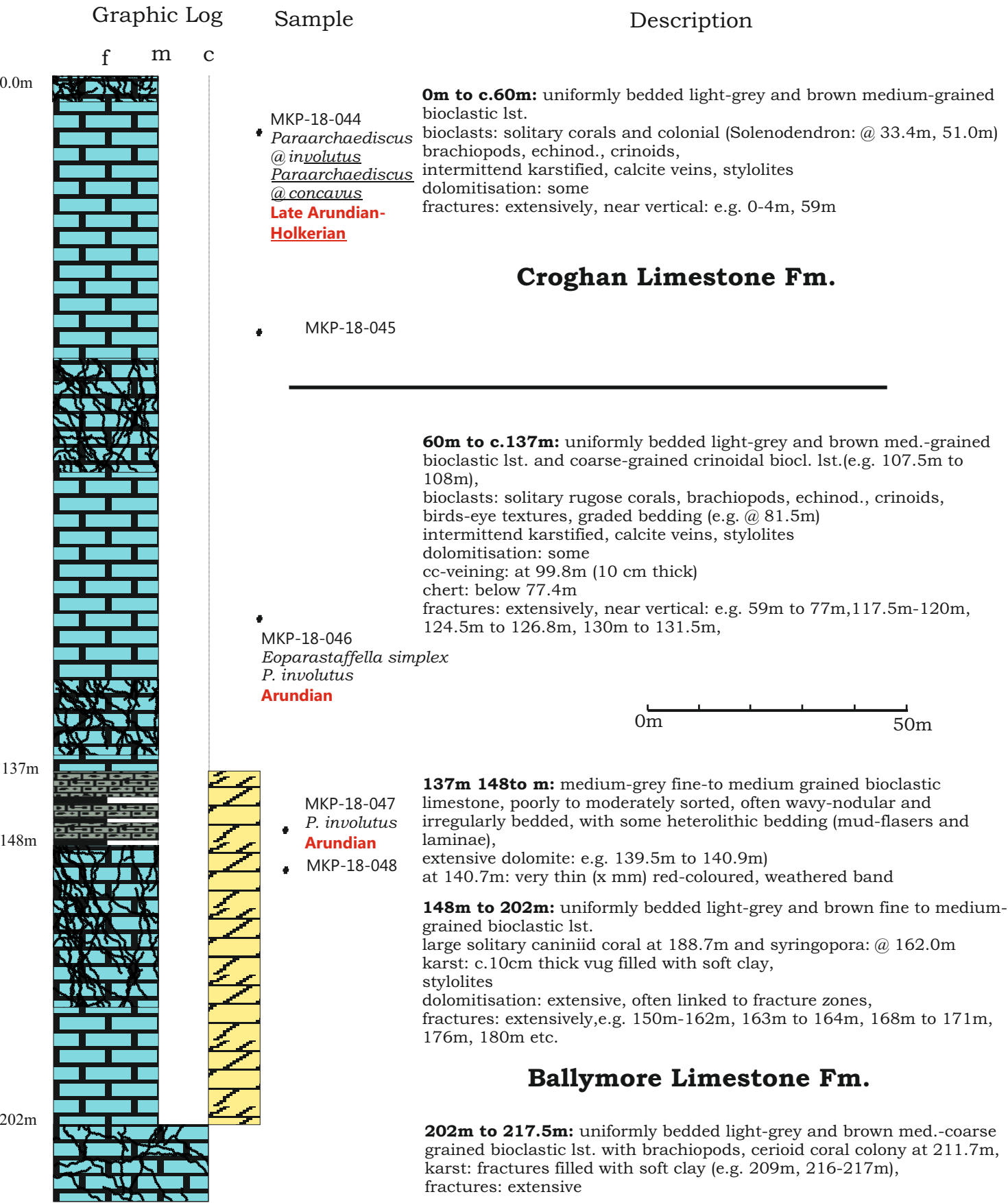
Geology Log

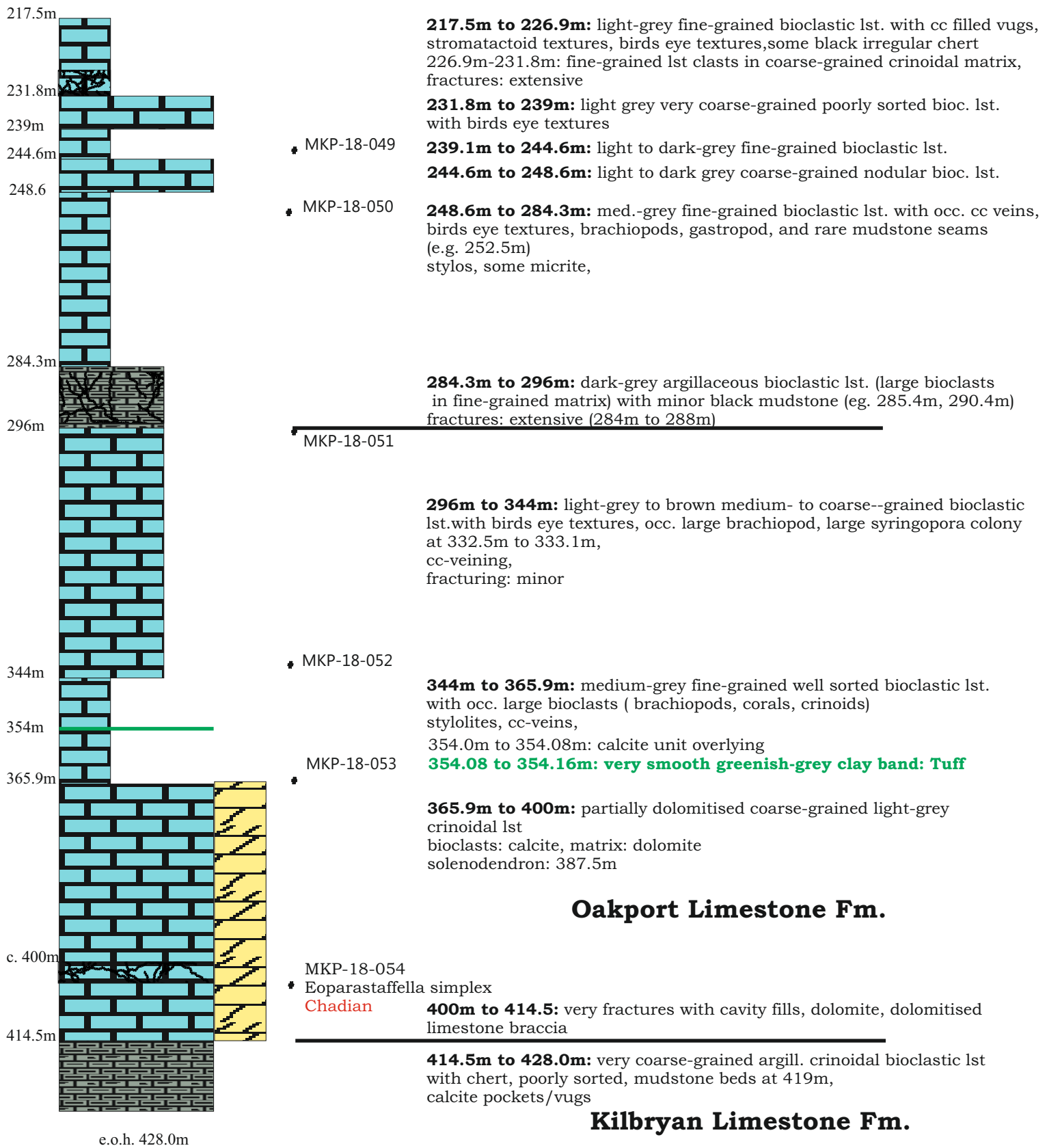
140.8 - 197.4 m	Vaguely bioclastic sparry micrite, light grey in colour.
197.4 - 213.5 m	Mid grey biosparrite stylolitic silty intercalations highly crinoidal.
213.5 m	End Of Hole.

Borehole Number/Name: <b>GSI-18-001, Cullawinna (Gately Quarry)</b>		
GridCoords: ITM 0587576/0753348		Scale: 1:1000
Author: Dr.M.Pracht		Rockhead: 1m
Year: 2018	Elevation: 74m	End of Hole: 103.5m
Micro-palaeontology: Prof. I.D.Somerville 2018		Stratigraphy (top): Croghan Lst. Fm. Stratigraphy (base): Ballymore Lst. Fm.



Borehole Number/Name: <b>GSI-18-004, Cam (working Roadstone quarry)</b>		
GridCoords: ITM 0589971/0744865		Scale: 1:1000
Author: Dr.M.Pracht		Rockhead: 0m
Year: 2018	Elevation: 79m	End of Hole: 428m
Micro-palaeontology: Prof. I.D.Somerville		Stratigraphy (top): Croghan Lst. Fm. Stratigraphy (base): Kilbryan Lst. Fm.



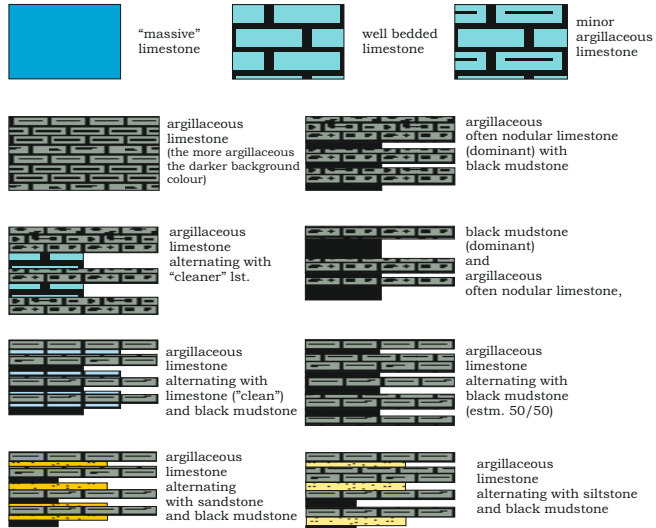


# lithology symbology for logging

## Carboniferous rocks in core



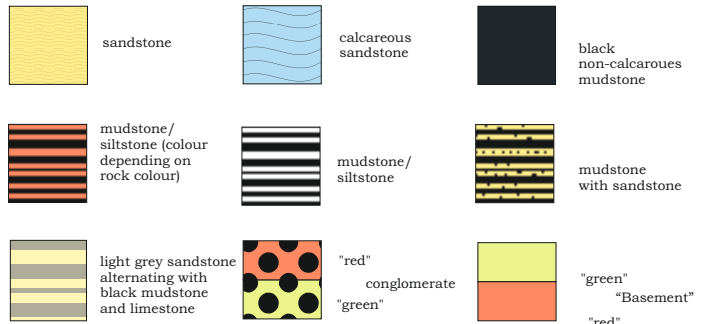
### limestone lithologies



### "transitional" limestone lithologies



### silici-clastic lithologies



### limestone lithologies with disitnguishing constituents



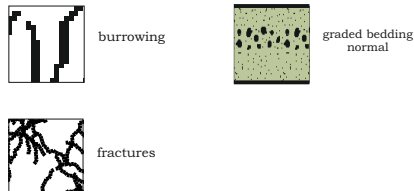
#### NOTES:

The colour chosen indicates the colour of the rock.

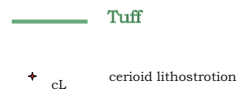
Grainsize is indicated by width of symbol (fine, medium, coarse grained)

Prportions of lithologies can be edited as necessary.

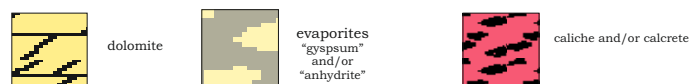
### sedimentary/textural features



### other common features/lithologies



### "diagenetic" features



Borehole Number/Name: GSI-18-110 Ballyforan, Co. Roscommon		
GridCoords: 0581519/0747386 (ITM)		Scale: 1:1000
Author: Dr.M.Pracht		Rockhead: 2m
Year: 2018	Elevation: 48m	End of Hole: 404m
Micro-palaeontology: Prof. I.D.Somerville, UCD		Stratigraphy top: Croghan Lst.Fm.

