

P5891-12133

TRINITY COLLEGE
DUBLIN
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PETROLOGY CATALOGUE
VOL 3

Use only one line per entry.

Allocation of numbers.

P 5891 - 6060	Andy Skeenan.
P 6101 - 6500	Ian Johnstone.
P 6501 - 6799	Keeran Downes...
P 6800 - 6951	John Parkin.
P 7000 - 7111	John Colthurst.
P 7112 - 7387	John Morris.
P 7400 - 7600	George Eno
P 7601 - 7800	John Sullivan ?
P 7801 - 8000.	Tony Molloy ?
78001 - P 8200.	Another Feet Undergrads.
P 8201 - P 8400	Undergraduates.
P 8401 - P 8600	Under graduates
P 8601 - P 8700	Gareth Jones.
P 8701 - P 8800	RA Carruthers
P 8801 - 9000	Russell Penney.
P 9001 - 9200	Martin Keeley (1)
P 9201 - 9400	John Feehan
P 9401 - 9600	Bill Steppard. 10522-10593
P 9601 - 9800	Maere Boland
P 9801 - 10400	Undergrad. projects
P 10401 - 10449	Rita Polgar.
P 10450 - 10521	Nick Duane
P 10601 - 10744	Martin Keeley (2)
P 10745 - 10771	Marchant & Sevastopulo. 'Calp of the Dublin As Frict'
P 10776 - 10878	Nicole Bradfer (1)
P 10879 - 10979	Stephen Nolan
P 10980 - 11069	Undergraduates
P 11070 - 11100	Nicole Bradfer (2)
P 11101 - 12100	Dave Collier
P 12101 - 12172	Nicole Bradfer (3)

Thin
Section
number

Field
number

Location

Rock including sh. g.
and sandstone

Remarks

5891 ✓		A.G. SLEEMAN	'Old Red Sandstone.'	Quartz sandstone	Shoal Rock, West side Hook Head.
5892 ✓		"	"	"	Household Bay, east side Hook Head
5893		"	"	"	Kiln Bay, east side Hook Head
5894		"	"	"	" "
5895		"	"	"	" "
5896 ✓		"	"	Pebbly quartz sandstone	" "
5897		"	"	"	" "
5898		"	"	"	" "
5899		"	"	"	" "
5900		"	"	"	" "
5901		"	"	"	" "
5902 ✓	T27/0200	"	"	Fine-grained quartz sandstone	Wearway Bay S1, Hook Head
5903 ✓	T28/0201	"	"	Medium-grained quartz sandstone	" "
5904 ✓	T36/0206	"	"	Fine-grained quartz sandstone	" "
5905	T54/0257	"	Household Sst. Mbr. (lwr Tn)	"	Lumsdin's Bay S11, Hook Head
5906		"	"	"	" "
5907		"	"	Coarse-grained quartz sandstone	Lumsdin's Bay S12, Hook Head
5908	T30/0223	"	"	Dolomitised crinoidal sandstone	Wearway Bay S4, Hook Head
5909	T30/0223	"	"	"	" "
5910	T41/0210	"	"	Pebbly quartz sandstone	Wearway Bay S1, Hook Head
5911	"	"	"	"	" "
5912	0211	"	"	sandstone	" "
5913 ✓	T42/0212	"	"	pebbly quartz sandstone	" "
5914	"	"	"	"	" "
5915	"	"	"	"	" "
5916	T39/0213	"	"	fine-grained quartz sandstone	" "
5917 ✓	T38/0215	"	"	silty sandstone	" "
5918	T43/0217	"	"	Dolomitised pebbly sandstone	" "
5919	"	"	"	"	" "
5920	"	"	"	"	" "
5921	"	"	"	"	" "
5922	"	"	"	"	" "
5923 ✓	0218	"	"	Dolomitised fine-grained sandstone	" "

Shoal Rock, West side Hook Head.
Houseland Bay, east side Hook Head
Kiln Bay, east side Hook Head

see fig 2-11 PhD thesis

see app. 1-1 log 1 bed 6

" "
" "
" bed 9

" "
" "
" "
" "
" "

Woarway Bay S1, Hook Head

see app. 1-1 log 1

" "
" "

Lumsdin's Bay S11, Hook Head

see app. 1-1 log 13 bed 1

" "

" bed 11

Lumsdin's Bay S12, Hook Head

" bed 12

Woarway Bay S4, Hook Head

see app. 1-1 log 2 bed 27 stained for carbonates

" "

" " "

Woarway Bay S1, Hook Head

" bed 1

" "

" "

" "

" bed 2

" "

" bed 5

" "

" "

" "

" " stained for carbonates

" "

" bed 7

" "

" bed 10

" "

" bed 18

" "

" "

" "

" " stained for carbonates

" "

" "

" "

" "

" "

" bed 19

THIN SECTION No.	FIELD NUMBER	COLLECTOR	ROCK, incl. STRATIGRAPHIC AGE	LOCALITY
5924 ✓		A.G. SLEEMAN	Houseland Sst. Mbr. (lwr Tn) pebbly sandstone	Woarway Bay S1, Hook Head
5925 ✓	T29/0220	"	" siltstone	Woarway Bay S4, Hook Head
5926		"	" calcareous sandstone	" "
5927	T30/0223	"	" dolomitised crinoidal sandstone	" "
5928	T30/0222	"	" fine-grained calcareous sandstone	" "
5929 ✓	T31/0226	"	" dolomitised sandy limestone	" "
5930 ✓		"	" calcareous crinoidal sandstone	" "
5931 ✓		"	" crinoidal biosparite	Woarway Bay S7
5932		"	" "	" "
5933 ✓	T45/0232	"	" weathered oolitic limestone	Woarway Bay S4
5934 ✓	T49/0247	"	" oobiosparite	Woarway Bay S7
5935 ✓	T45/0320	"	" "	Woarway Bay S4
5936	T78/0364	"	" "	Woarway Bay S8
5937	T78/0365	"	" "	" "
5938	T78/0365	"	" "	" "
5939	"	"	" "	" "
5940	"	"	" "	" "
5941	T51/0249	"	" arenaceous biosparite	Woarway Bay S7
5942 ✓	T77/0355	"	Lyraun Cove Shale Mbr (lwr-mid Tn) siltstone	Woarway Bay S5
5943	T48/0243	"	" biosparite	" "
5944	"	"	" "	" "
5945	"	"	" "	" "
5946	"	"	" "	" "
5947	"	"	" "	" "
5948 ✓	T75/0350	"	" arenaceous biosparite	" "
5949 ✓	T94/0512	"	" "	Lyraun Cove Woarway Bay S9
5950 ✓	T96/0525	"	" "	" "
5951 ✓	T79/0371	"	" crinoidal biosparite	Woarway Bay S5
5952	T	"	" biosparite	Woarway Bay S4
5953 ✓	T81/0382	"	" silty biosparite	Woarway Bay S6
5954	T86/0478	"	" calcareous siltstone	" "
5955	T89/0486	"	" "	Woarway Bay S8
5956	T57/0273	"	" arenaceous biosparite	Lyraun Cove Woarway Bay S9

LOCALITY

REMARKS

Waarway Bay S1, Hook Head		app. 1.1 log 2	bed 19	
Waarway Bay S4, Hook Head		"	bed 22	
" "		"	bed 23	stained for carbonates
" "		"	bed 27	
" "		"	"	stained for carbonates
" "		"	bed 37	
" "		"	bed 43	stained for carbonates
Waarway Bay S7	"	"	bed 44	"
"	"	"	bed 45	"
Waarway Bay S4	"	"	bed 48	
Waarway Bay S7	"	"	"	
Waarway Bay S4	"	"	"	stained for carbonates
Waarway Bay S8	"	app 1.1 * log 12	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
Waarway Bay S7	"	app 1.1 log 2	bed 50	"
Waarway Bay S5	"	app 1.1 log 12	bed 3	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
Lyraun Cove				
Waarway Bay S9	"	app 1.1 log 13	bed 7	"
"	"	"	bed 8	"
Waarway Bay S5	"	app. 1.1 log 12	bed 5	"
Waarway Bay S4	"	"	bed 4	"
Waarway Bay S6	"	app. 1.1 log 3	bed 6	"
"	"	"	bed 10	"
Waarway Bay S8	"	app. 1.1 log 12	bed 3	"
Lyraun Cove				
Waarway Bay S9	"	app 1.1 log 13	bed 7	"

THIN SECTION No.	FIELD No.	COLLECTOR	Rock incl. STRATIGRAPHIC AGE.	LOCALITY
5957 ✓	T82/0390	A.G. SLEEMAN	Lyraun Cove Shale Mbr (lnc.-mid Tn) biosparite	Noarway Bay S6, Hook Head
5958	T82/0392	"	" arenaceous biosparite	" "
5959 ✓	T82/0415	"	" arenaceous biosparite	" "
5960 ✓	T97/0530	"	" "	Lyraun Cove Noarway Bay S9, "
5961 ✓	T58/0285	"	" arenaceous biosparite	" "
5962 ✓	T84/0462	"	" "	Noarway Bay S6 "
5963 ✓	T98/0554	"	" "	Lyraun Cove Noarway Bay S9 "
5964 ✓		"	" nautiloid in biosparite	Lyraun Cove, "
5965 ✓		"	" phosphatic nodule in micrite	" "
5966	T85/0374	"	" biosparite	" "
5967 ✓		"	" phosphatic stst. nodule in early lithified micrite	Lyraun Cove "
5968		"	" "	" "
5969		"	" "	" "
5970		"	" phosphate nodule in biosparite	" "
5971		"	" ferruginous mudstone nodule	Noarway Bay S6a "
5972 ✓		"	" early lithified biomicrite in biosparite	" "
5973		"	" "	" "
5974		"	" biosparite	" "
5975		"	" biosparite	Lyraun Cove, S9a "
5976		"	" "	" "
5977		"	" "	" "
5978 ✓		"	" "	" "
5979 ✓	T59/0291	"	" crinoidal biosparite	Lyraun Cove, S10 "
5980		"	" biosparite	" "
5981		"	Hook Head Lst Fmn. (Upp. Tn) biosparite	" "
5982 ✓	T66/0294	"	" red haematitic ironstone	" "
5983	"	"	" "	" "
5984 ✓	"	"	" "	" "
5985	"	"	" "	" "
5986	"	"	" "	" "
5987	"	"	" "	" "
5988	"	"	" "	" "
5989 ✓	T100 "	"	" crinoidal biosparite	Lyraun Cove S10 "

LOCALITY

REMARKS

Woorwoy Bay S6, Hook Head

app 1-1 log 3 bed 7 stained for carbonates

"

" bed 7 "

"

" bed 7 "

Lyraun Cove

~~Woorwoy Bay~~ S9,

app 1-1 log 13 bed 8 "

"

" bed 9 "

Woorwoy Bay S6

app 1-1 log 3 bed 9 "

Lyraun Cove

~~Woorwoy Bay~~ S9

app 1-1 log 13 bed 9 "

Lyraun Cove,

found on strand thought $\equiv$ bed 7b "

"

"

"

"

"

"

Lyraun Cove

found on strand thought $\equiv$ bed 7b

"

"

"

~~stained for carbonates~~

"

"

"

stained for carbonates

"

"

"

Woorwoy Bay S6a

app 1-1 log 3 bed 7a + 0.4m "

"

" bed 7b "

"

" " "

"

" bed 7c "

Lyraun Cove, S9a

" bed 14a "

"

" " "

"

" bed 16a "

"

" bed 18a "

stained for carbonates

Lyraun Cove, S10

" bed 11 "

"

" bed 14 "

"

" bed 1 "

stained for carbonates

"

" bed 3 "

"

" " "

"

" " "

stained for carbonates

"

" " "

"

" " "

"

" " "

Lyraun Cove S10

app 1-1 log 4 bed 8 "

THIN SECTION No.	FIELD No.	COLLECTOR	ROCK incl. STRATIGRAPHIC AGE	LOCALITY
5990	T101/0611	A.G. SLEEMAN	Hook Head Fmn. biosparite	Lyraun Cove S19 Hook Head
5991 ✓	T102/0654	"	" crinoidal biosparite	" " "
5992	T102/0655	"	" "	" " "
5993 ✓	T104/0671	"	" "	" " "
5994 ✓	T107/0725	"	" "	Breacan " "
5995	T110/0841	"	" "	" " "
5996 ✓	T111/0861	"	" brachiopod rich biosparite	Breacan Ch. " "
5997 ✓	T112/0873	"	" crinoidal / bryozoan biosparite	" " "
5998	T112/0873a	"	" "	" " "
5999 ✓	T114/0893	"	" biosparite	north of Patrick's Bay " "
6000 ✓	T115/0913	"	" argillaceous crinoidal biosparite	" " "
6001 ✓	T116/0923	"	" argillaceous biosparite	" " "
6002 ✓	T117/0929	"	" biopelsparite	" " "
6003 ✓	T118/0940	"	" biosparite	Patrick's Bay " "
6004 ✓	T119/0942	"	" crinoidal argillaceous biosparite	" " "
6005 ✓	D1/0163	"	Bullockpark Bay Mbr. dolomite	25m south of Hk Ch. Flt. below Hook Ch. S15
6006 ✓	D2/0164	"	" "	south of Hook Ch. Flt. S16
6007 ✓	D2/0165	"	" "	" " "
6008 ✓	D3/0166	"	" dolomitised oolitic limestone	" " "
6009 ✓	D4/0167	"	" "	Bullockpark Bay " "
6010 ✓	T60/0297	"	" dolomitised crinoidal biosparite	south side Bullockpark Bay, S12
6011 ✓	T62/0300	"	" "	" " "
6012 ✓	T63/0304	"	" "	" " "
6013 ✓	T65/0306	"	" dolomitised biopelsparite	" " "
6014 ✓	T68/0310	"	" dolomitised oobiosparite	below Hook Ch. " "
6015 ✓		"	Hook Head Fmn. biomicrosparite	Doornoge Bay, S24
6016 ✓	L23	"	" "	" " "
6017 ✓	C6/0047	"	" "	south of North Point S18
6018 ✓	C6/0155	"	" "	" " "
6019 ✓	C6/0156	"	" "	" " "
6020 ✓	C6/0173	"	" silicified biomicrosparite	" " "
6021 ✓	C4/0174	"	" "	" " "
6022 ✓	C6a/0181	"	" biomicrosparite	" " "

LOCALITY

REMARKS

Lyrann Cove	S19	Hook Head	app 1.1 log 4	bed 10	stained for carbonates
"	"	"	"	bed 12	"
"	"	"	"	"	"
"	"	"	"	bed 14	"
Brecann	"	"	app 1.1 log 5	bed 32	"
"	"	"	"	bed 35	"
Brecann Ch.	"	"	"	bed 37	"
"	"	"	"	bed 38	"
"	"	"	"	"	"
north of Patrick's Bay	"	"	"	bed 46	"
"	"	"	"	bed 50	"
"	"	"	"	bed 51	"
"	"	"	"	bed 52	"
Patrick's Bay	"	"	"	bed 54	"
"	"	"	"	bed 56	"
25m south of Hk Ch. Flt. below Hook Ch. S15	"	"			"
south of Hook Ch. Flt. S16	"	"			"
"	"	"			"
"	"	"			"
Bullock park Bay	"	"			"
south side Bullock park Bay, S12	"	"	app 1.1 log 7		"
"	"	"	"		"
"	"	"	"		"
"	"	"	"		"
below Hook Ch.	"	"			"
Doornage Bay, S24	"	"	app 1.1 log 9	bed 18	"
"	"	"	"	bed 11	" (see p. 101)
south of North Point S18	"	"	app 1.1 log 11	bed C6	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	bed C4	"
"	"	"	"	bed C6a	"

THIN SECTION No	FIELD NO.	COLLECTOR	ROCK incl. STRATIGRAPHIC AGE	LOCALITY
6023 ✓	C10/0157	A.G. SLEEMAN	Hook Head Fmn (Upp Tn) biomicrosparite	South of North Point 518, Hook Head
6024 ✓	C12/0158	"	" "	" "
6025 ✓	C14/0159	"	" "	" "
6026 ✓	C25/0138	"	" biosparite	" "
6027 ✓	C25/0150	"	" "	" "
6028 ✓	C25/0160	"	" biomicrosparite	" "
6029 ✓	C25/0161	"	" "	" "
6030 ✓	C25/0162	"	" "	" "
6031 ✓	C25/0133	"	" "	" "
6032 ✓	G1	"	" crinoidal biosparite	Granny Qu. near Waterford
6033 ✓	G2	"	" dolomitised biosparite	" "
6034 ✓		"	" biosparite	" "
6035 ✓		"	" crinoidal biosparite	" "
6036 ✓		"	" dolomitised crinoidal biosparite	" "
6037 ✓		"	" crinoidal biosparite	" "
6038 ✓		"	" dolomitised crinoidal biosparite	" "
6039 ✓		"	Bulbapark Bay Mbr. oobiosparite	" "
6040 ✓		"	" oosparite	" "
6041 ✓		"	Hook Head Fmn, dolomitised biosparite	" "
6042 ✓		"	Upper Tournaisian, oolitic limestone	Newton Qu. near Waterford
6043 ✓		"	" "	" "
6044 ✓		"	" "	" "
6045 ✓		"	" "	" "
6046 ✓		"	" "	" "
6047 ✓		"	? Lwr Tournaisian quartz sandstone	Garryroe, Ballycotton Bay, Co. Cork
6048 ✓		"	" "	" "
6049 ✓		"	" sandstone	Milltown near Johnstown Cas. Wexford
6050 ✓		"	Tournaisian dolomite	Kerloge Qu near Wexford
6051 ✓		"	" "	" "
6052 ✓		"	Cullinstown Oolite Fmn (Pre Camb.) quartzite	Kerloge, Wexford
6053 ✓		"	? Viséan	Newton House, Wexford
6054 ✓		"	Hook Head Fmn. biosparite	Seafield, Duncormick near Wexford
6055 ✓		"	Lwr Tournaisian red haematitic limestone	Whiting Bay, Co. Waterford

incl. STRATIGRAPHIC AGE

(Upp Tn) biomicroparite
 " "
 " "
 bioparite
 " "
 biomicroparite
 " "
 " "
 " "
 " "
 crinoidal bioparite
 dolomitised bioparite
 bioparite
 crinoidal bioparite
 dolomitised crinoidal bioparite
 crinoidal bioparite
 dolomitised crinoidal bioparite
 Mbr. oobiosparite
 oosparite
 , dolomitised bioparite
 , oolitic limestone
 " "
 " "
 " "
 " "
 " "
 quartz sandstone
 " "
 sandstone
 dolomite
 " "
 " "
 ite Fmn (Pre Camb) quartzite
 " "
 bioparite
 red haematitic limestone

LOCALITY

South of North Point S18, Hook Head
 " "
 " "
 " "
 " "
 " "
 " "
 " "
 " "
 " "
 Granny Qu. near Waterford
 " "
 " "
 " "
 " "
 " "
 " "
 " "
 " "
 Newtown Qu. near Waterford
 " "
 " "
 " "
 " "
 " "
 " "
 " "
 Garryroe, Ballycotton Bay, Co. Cork
 " "
 " "
 Milltown near Johnstown Cas. Wexford
 Kerlogue Qu near Wexford
 " "
 " "
 Kerlogue, Wexford
 Newtown House, Wexford
 Seafield, Duncormick near Wexford
 Whiting Bay, Co Waterford

REMARKS

app. 1.1 log 11 bed C10 ^{conglomerate} stained for carbonates
 " bed C12 "
 " bed C14 "
 " bed C25 "
 " " "
 " " "
 " " "
 " " "
 app 6.2 fig 6.3 (base of fmn)
 " " "
 " " stained for carbonates
 app 6.2 fig 6.3 sample 1 "
 " " sample 2 "
 " " sample 3 "
 " " sample 4 "
 " " sample 5 "
 " " sample 6 "
 " " sample 7 "
 app 6.3 sample 1 "
 " " "
 " sample 2 "
 " sample 3 "
 " float "
 From 1m thick conglomerate-type sec. of Garryroe Fmn.
 " "
 " "
 " "
 sample 1
 sample 2
 " "
 " "
 grid ref 5964011
 sub-outcrop
 see fig 2.15 sample 2

THIN SECTION NO.	FIELD NO.	COLLECTOR	ROCK	incl. STRATIGRAPHIC AGE	LOCALITY
P 6056 ✓		A.G. SLEEMAN	Tournaisian	red haematitic limestone	Portishead, Somerset
P 6057		"	"	"	"
P 6058 ✓		"	"	"	West Angle Bay, Pembrokeshire
P 6059 ✓		"	Viséan	biosparite	Hale Combe Quarry Somerset
P 6060		"	Tournaisian	Hook Head Fm; red ironstone	Lyraun Cove S10, Hook Head
P 6061		Vacant			
P 6062					
P 6063					
P 6064					
P 6065					
P 6066					
P 6067					
P 6068					
P 6069					
P 6070					
P 6071					
P 6072					
P 6073					
P 6074					
P 6075					
P 6076					
P 6077					
P 6078					
P 6079					
P 6080					
P 6081					
P 6082					
P 6083					
P 6084					
P 6085					
P 6086					
P 6087					
P 6088					

incl. STRATIGRAPHIC AGE

LOCALITY

REMARKS.

red haematitic limestone

Portishead, Somerset

"Bryozoa Bed."

"

"

"

stained for carbonates

"

West Angle Bay, Pembrokeshire

"Alpha Limestone"

biosparite

Hale Combe Quarry Somerset

"Vallis Limestone"

V2a?

Hook Head Fm; red ironstone

Lyraun Cove S10, Hook Head

app. 1.1 log 3 bed 3.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK- TYPE	LOCALITY
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P 6089		Valant		
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P 6100		Y		
P 6101		Tan Johnson		

P 6121		Y		
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ROCK-TYPE

LOCALITY

REMARKS

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
P6485		I. Shindere		
P6500		V		
P6501		K. Downes		
P6517		V		

TCD. NO.	FIELD NUMBER	COLLECTOR	Rock incl. STRATIGRAPHICAL AGE	LOCALITY
P.6782		K. Dinnis		
P.6783				
P.6784				
P.6785				
P.6786				
P.6787				
P.6788				
P.6789				
P.6790				
P.6791				
P.6792				
P.6793				
P.6794				
P.6795				
P.6796				
P.6797				
P.6798				
P.6799				
P.6800		J. Parkin.	Ferriters Cove Formation (Upp. Wenlock). Lithic crystal tuff.	Southern side of Ferriters Cove - west D.
6801		"	" Lithic crystal tuff.	Southern side of Ferriters Cove.
6802		"	" Lithic tuff.	south of Ferriters Cove.
6803		"	Clogher Head Fm. (upper Wenlock). Banded rhyolitic ? tuff.	Minnaunmore Rock.
6804		"	" Banded-felspathic, rhyolitic ? tuff.	Minnaunmore Rock.
6805		"	" Nodular rhyolite.	" "
6806		"	" Fine nodular rhyolite	Mill Cove.
6807		"	" Felspathic ? tuff.	Mill Cove.
6808		"	Drom Point Fm. (upper Wenlock). Lithic tuff.	Drom Point -
6809		"	Mill Cove Fm. (upper Wenlock). Lithic tuff.	Drom Point
6810	1C (A)	"	Landing Place Fm. (upp. Wenlock - ? L. Ludlow) Fine silt.	Northern side of Landing Place, Inishrickeylone
6811	1C (B)	"	" Tuffaceous fine silt.	" "
6812	2C (A)	"	" Fine silt.	Northern flank of the island. Grid ref. 22,4
6813	2C (B)	"	" Lithic tuff.	" "
6814	4B	"	" Tuff/silt junction.	north west Inishrickeylone. Grid ref. 18,4

STRATIGRAPHICAL AGE

LOCALITY

REMARKS.

(Upp. Wenlock). Lithic crystal tuff.
Lithic crystal tuff.
Lithic tuff.

Wenlock). Banded rhyolitic ? tuff.
Banded-felspathic, rhyolitic ? tuff.
Nodular rhyolite.
Fine nodular rhyolite
Felspathic ? tuff.

Wenlock). Lithic tuff.

Wenlock). Lithic tuff.

Wenlock-? L. Ludlow) Fine silt.
Tuffaceous fine silt.
Fine silt.
Lithic tuff.
Tuff/silt junction.

Southern side of Ferriters Cove - west Dingle.
Southern side of Ferriters Cove.
south of Ferriters Cove.
Minnaunmore Rock.
Minnaunmore Rock.
" "
Mill Cove.
Mill Cove.
Drom Point -
Drom Point

Northern side of Landing Place, Inishrickillane.
" "
Northern flank of the island. Grid ref. 22,48 (Fig 30)
" "
north west Inishrickillane. Grid ref. 18,42 (Fig 30)

From Dunquin Inlier
"
"
"
"
"
"
" ash band in Chondrites rich beds.
" ash band at top of Mill Cove Fm.
Inishrickillane
Inlier " Horizon q (Fig 32). Grid ref. 29,45 (Fig 30)
" " "
" " "
" Horizon q (Fig 32).
" " "
" Horizon q (Fig 32).

	FIELD NUMBER	COLLECTOR	Rock incl. STRATIGRAPHICAL AGE	LOCALITY
6815	5a	J. Parkin	Inishwickillane Fm. (upper Wenlock). Fine grained lava with nodular structure.	Promontory opposite Inishwickillane rocks. Grid ref.
6816	5bi	"	" Fine grained lava.	" " " Grid ref.
6817	5bi	"	" Epidote and quartz vein development	" " " "
6818	5bii	"	" Vesicular fine grained lava.	" " " "
6819	5biii	"	" Vesicular fine grained lava.	" " " "
6820	5biv	"	" Water lain lithic tuff.	" " " "
6821	5bv	"	" Crystal lithic tuff.	" " " Grid ref.
6822	5bvi	"	" Lithic crystal tuff.	" " " "
6823	6c	"	" Tectonised lava near fault.	eastern side of strongly faulted bay
6824	6d	"	" Coarse lithic tuff.	head of strongly faulted bay Grid ref.
6825	6d	"	" Altered vesicular lava.	" " "
6826	8c(i)	"	" Fine banded lava.	approx. 100m. south east of the Land
6827	8c(ii)	"	" Vesicular lava.	south east of Landing Place
6828	8d	"	" Fine grained lava.	at cliff top south east of Landing Place
6829	12a	"	" Scoriaceous reddened lava.	from crags in the eastern part of
6830	12b	"	" Banded trachytic lava.	crags in eastern part of island (
6831	14b	"	" Flow banded lava	southern cliffs. (40, 22)
6832	14c	"	" Banded, finely veined lava.	southern cliffs. Grid ref. 41, 20
6833	14d	"	" Vesicular lava.	southern cliffs. (45, 19)
6834	14e	"	" Coarse lithic tuff.	southern cliffs. (48, 19).
6835	15	"	" Coarse lithic crystal tuff.	south west cliffs (30, 20).
6836	16c	"	" Fine grained lava.	southern cliffs. (60, 34).
6837	13b	"	" tuff.	north east of oratory. (51, 32)
6838	13b	"	" Crystal lithic tuff.	" " "
6839	13c	"	" Fine silty tuff.	south west of cottage. (43, 28)
6840	13c	"	" Crystal lithic tuff.	" " "
6841	13bi	"	" Fine banded tuff:	south west of cottage (41, 28)
6842	13bii	"	" Blocky lava with small round vesicles.	" " "
6843	13biii	"	" Fine non-vesicular lava.	" " "
6844	13biv	"	" Medium to fine grained lava	" " "
6845	13bv(A)	"	" Inclusion of lava in lava groundmass	" " "
6846	13bv(B)	"	" vesicular lava	" " "
6847	13bvi	"	" Blocky lava with irregular vesicles.	" " "

L. STRATIGRAPHICAL AGE

LOCALITY

REMARKS.

per Wenlock) Fine grained lava with nodular structure.

Promontory opposite Inishvickillane rocks. Grid ref. 19,31 (Fig. 30)

Horizon n (Fig. 32)

Fine grained lava.

Grid ref. 19,34 (Fig. 30)

top of horizon n (Fig. 32)

Epidote and quartz vein development.

Vesicular fine grained lava.

Vesicular fine grained lava.

Water lain lithic tuff.

Crystal lithic tuff.

Lithic crystal tuff.

Tectonised lava near fault.

Coarse lithic tuff.

Altered vesicular lava.

Fine banded lava.

Vesicular lava.

Fine grained lava.

Scoriaceous reddened lava.

Banded trachytic lava.

eastern side of strongly faulted bay. Grid ref. 27,31

~~low~~ faulted base of horizon n.

head of strongly faulted bay Grid ref. 25,35 (Fig. 30)

near junction of horizons n and o.

Flow banded lava

" " " " " "

at top of horizon n. (Fig. 32)

Banded, finely veined lava.

Vesicular lava.

Coarse lithic tuff.

Coarse lithic crystal tuff.

Fine grained lava.

tuff.

Crystal lithic tuff.

Fine silty tuff.

Crystal lithic tuff.

Fine banded tuff.

Blocky lava with small round vesicles.

Fine non-vesicular lava.

Medium to fine grained lava

Inclusion of lava in lava groundmass vesicular lava

Blocky lava with irregular vesicles.

approx. 100m. south east of the Landing Place 33,49

top of horizon n. (Fig. 32)

south east of Landing Place. " "

near top of horizon n

at cliff top south east of Landing Place. 34,38.

towards base of horizon n

from crags in the eastern part of the island (63,30)

crags in eastern part of island (63,30)

part of same series of flows as section 6829.

southern cliffs. (40,22)

horizon h - autobrecciated lava.

southern cliffs. Grid ref. 41,20

horizon g. (Fig. 32)

southern cliffs. (45,19)

horizon g. " "

southern cliffs. (48,19)

horizon f. " "

south west cliffs (30,20)

horizon i. " "

southern cliffs. (60,34)

horizon a. " "

north east of oratory. (51,32)

horizon j (top of) " "

" " " " " "

" " " " " "

South west of cottage. (43,28)

top of horizon j " "

" " " " " "

" " " " " "

South west of cottage (41,28)

unit i in compound lava flow Fig. 33.

" " " " " "

unit ii " " " "

" " " " " "

unit iii " " " "

" " " " " "

unit iv " " " "

" " " " " "

unit v " " " "

" " " " " "

unit v " " " "

" " " " " "

unit vi " " " "

	FIELD NUMBER	COLLECTOR	ROCK incl. STRATIGRAPHICAL AGE	LOCALITY
6848	13bvi	J. Parkin	Inishrickeylone Fm. (upper Wenlock) Medium textured lava.	South west of cottage (41, 28).
6849	13bvii	"	" blocky vesicular lava - irregular vesicles	" " "
6850	13bviii	"	" lava with round vesicles.	" " "
6851		"	<u>Intrusion</u> Fresh porphyry Sill.	Immediately north of Doon Pt. - Du
6852	52	"	Annascaul Fm. (upper Wenlock) Chloritized dolomite	From dolomite and shale unit of Co
6853	57a.	"	Annascaul Fm. (upper Wenlock) Tuffaceous sandstone.	Maheerating (Bulls Head). Cliff top.
6854	58.	"	" Lithic tuff.	Maheerating (Bulls Head). Cliff base w
6855	2A.	"	" Calcareous silt with organic debris.	Loose block at cliff base below Foss. loc
6856	2C.	"	" Fine tuff.	From cliff face at Foss. loc. 15. (F.
6857	68	"	" Lithic tuff.	" " " " "
6858	71b.	"	" Coarse lithic tuff with detrital quartz grains.	Base of cliff near Foss. loc. 14 (Fig 34)
6859	67.	"	" Calcareous & volcanic tuff.	Base of cliff east of Foss. loc. 14. (F
6860	60.	"	" Sandstone grade tuff. Nb. rounded clasts.	Immediately north of waterfall, Foinha
6861	61.	"	" Dolomitic siltstone.	At cliff base near waterfall, Foinha
6862	59b.	"	" Lithic tuff - matrix of lahar development.	Southern side of southernmost promonta
6863	66.	"	" Ferruginous - calcareous - volcanic tuff.	Mid way up cliff face above foss loc. 16 (F
6864	164c	"	" Vesicular lava from block in lahar.	Adjacent to fault boundary at Bealac
6865	164d.	"	" Sandstone with qtz grains.	Sandstone block in lahar at Bealac
6866	165ab	"	" Matrix of lahar development	Bealacoon wave cut platform.
6867	165d.	"	" Chloritized siltstone in lahar	Bealacoon " "
6868	167c	"	" Parallel laminated quartz siltstone.	Maunglass wave cut platform
6869	167d	"	" Coarse poorly sorted quartz sandstone	" " " "
6870	37A	"	" Fine quartz siltstone.	South of Bealacoon strand
6871	A 21a.	"	" Weathered Feldspar porphyry.	Ardrin townland (Q 593 010).
6872	95i	"	" Altered lithic tuff with clasts of lava.	Ardrin " "
6873	91e	"	" Volcanic mudflow - tuff clasts & quartz grains	section n. n. e of Knocknanacree (
6874	102b	"	" Chloritized & dolomitized lithic tuff.	Ballynane (Q 616020) see Fig
6875	103.	"	" Fine quartz siltstone.	See Fig 35 - outcrop indicates
6876	12C.	"	" Fine tuffaceous siltstone.	Loop in road near edge of Ballynane
6877	13b.	"	" Siltstone band. (quartz silt)	Boundary ditch of Ballynane bog
6878	14b.	"	" Fine quartz siltstone.	In stream at boundary of Ballyn
6879	14c.	"	" Poorly sorted fine quartz sandst. with tuff. clasts.	" " "
6880	19A.	"	" Tuffaceous shale.	Stream of Ballynane bog - immedi

STRATIGRAPHICAL AGE

LOCALITY

REMARKS

Upper Wenlock. Medium textured lava.

blocky vesicular lava - irregular vesicles
lava with round vesicles.

Fresh porphyry Sill.

Upper Wenlock. Chloritized dolomite

Upper Wenlock. Tuffaceous sandstone.

Lithic tuff.

Calcareous silt with organic debris.

ine tuff.

lithic tuff.

Coarse lithic tuff with detrital quartz grains.

Calcareous & volcanic tuff.

Sandstone grade tuff. Nb. rounded clasts.

Dolomitic siltstone.

Lithic tuff - matrix of Lahar development.

Ferruginous - calcareous - volcanic tuff.

Vesicular Lava from block in Lahar.

Sandstone with qtz grains.

Matrix of Lahar development

Chloritized siltstone in Lahar

Parallel laminated quartz siltstone.

Coarse poorly sorted quartz sandstone

Fine quartz siltstone.

Weathered Feldspar porphyry.

tered lithic tuff with clasts of lava.

Volcanic mudflow - tuff clasts & quartz grains

Chloritized & dolomitized lithic tuff.

Fine quartz siltstone.

Fine tuffaceous siltstone.

Siltstone band. (quartz silt)

Fine quartz siltstone.

Poorly sorted fine quartz sandst. with tuff clasts.

Tuffaceous shale.

South west of cottage (41, 28).

" " " " " "

Immediately north of Doon Pt. Dungquin Inlier.

From dolomite and shale unit of Coasatrig Bulls Head - collected near Foss. loc. 6. [Plate 25A]

Maheating (Bulls Head). Cliff top.

Maheating (Bulls Head). Cliff base west of light.

Loose block at cliff base below Foss. loc. 15. (Fig 34).

From cliff face at Foss. loc. 15. (Fig 34)

" " " " " "

Base of cliff near Foss. loc. 14 (Fig 34).

Base of cliff east of Foss. loc. 14. (Fig 34).

Immediately north of waterfall, Foilnawelaun (Bulls Head)

At cliff base near waterfall, Foilnawelaun (Bulls Head)

Southern side of southernmost promontary of Foilnawelaun.

Mid way up cliff face above Foss. loc. 16 (Fig 21) Bulls Head

Adjacent to fault boundary at Bealacoon (Minard).

Sandstone block in Lahar at Bealacoon (Minard).

Bealacoon wave cut platform. (Minard Bay)

Bealacoon " " (")

Maunglass wave cut platform (")

" " " (")

South of Bealacoon strand (")

Ardrin townland (Q 593 010).

Ardrin " "

section n. n. e of Knocknanacree (Q 572 005).

Ballynane ~~(Q 616 002)~~ see Fig. 35.

See Fig 35 - outcrop indicated (Ballynane).

Loop in road near edge of Ballynane bog.

Boundary ditch of Ballynane bog south of stream &

In stream at boundary of Ballynane bog.

" " " " " "

Stream of Ballynane bog - immediately below the Ballynane Member.

unit vii compound lava flow Fig. 33.

unit via " " " "

unit va. " " " "

Intruded into Ferriters Cove Formation

From Ballynane Member.

From Ballynane Member.

" " "

" " "

" " "

" " "

Matrix from conglomerate. Ballynane Mb.

Ballynane Member.

See Plate 36 D.

In shales south of Ballynane Member.

Ballynane Member.

Ballynane Member.

see Plate 37C.

Nb opaque cement.

Nb " "

Nb " "

Nb " "

Nb " "

Nb " "

Intruded into shale.

	FIELD NUMBER	COLLECTOR.	ROCK ind.	STRATIGRAPHICAL	AGE	LOCALITY
6881	27b.	J. Parkin	Annascaul Fm. (upper Wenlock).	Coarse tuff band in fine tuff.		Stream on Ballynane bog. see Fig 36
6882	28c.	"	"	Tuff.		Path exposure " " see Fig 36
6883	11l	"	"	Fine silty tuff.		Stream - Glannaheera townland. s
6884	124a.	"	"	Lithic tuff.		Enlagh (Q6406041).
6885	124b.	"	"	Lithic tuff.		" "
6886	122b	"	"	Quartz sandstone - NB rounding		Shieve West (Q674041).
6887	118c.	"	Faulted Rock.	Banded and microfaulted rock.		Shieve West (Q665051) - Northern bon
6888	118b.	"	"	"		" "
6889	118d.	"	"	Banded with microfaults and tension gashes.		" "
6890	118a	"	"	Banded & highly sericitized.		" "
6891	from A.5.	"	"	Milled and sericitised rock.		Roadside 2.4 km w.s.w of Annascaul
6892	from M.4.	"	"	Crushed, chloritized & sericitized sandst. of Dingle Gp		Bealacoon wave cut platform Minard
6893	5iii	"	Derrymore Glen Fm. (middle Ludlow).	Fine parallel-laminated siltstone.		Derrymore Glen. Downstream from foss.
6894	5iv	"	"	Coarse quartz sandstone. Rounded grains.		" " Near foss. loc. 39.
6895	5vi	"	"	Quartz and chlorite siltstone.		" " " "
6896	7a.	"	"	Chondrites tubes in siltstone		" " Fossil loc. 39 (Fig
6897	7f.	"	"	Coarse poorly sorted quartz sandstone.		" " Fossil loc. 39.
6898	6c.	"	"	Fine calcareous quartz siltstone.		" " "
6899	8b.	"	"	Very fine grained siltstone.		" " "
6900	5v.	"	"	Fine siltstone overprinted with Pyrites.		" " near northern m
6901	11A.	"	"	Fine purple siltstone.		" " " "
6902	2b.	"	Annascaul Fm. (upper Wenlock).	Lithic tuff.		Bulls Head Inlier. Mid way up cliffs
6903	37c	"	"	Fine tuff - from volcanic mudflow.		Bealacoon wavecut platform - Min
6904	38b.	"	"	Coarse siltstone - from boulder in mudflow.		" " "
6905	38c.	"	"	Coarse calc. sandstone		" " "
6906	38d.	"	"	Fine quartz and chlorite siltstone - black in places.		" " "
6907	from M74.	"	"	Volcanic and quartz sandstone.		Tranagheragh - Minard bay. Base of t
6908	12a ii	"	"	Tuffaceous shale.		Stream section Ballynane bog - near
6909	12b.	"	"	Altered siltstone.		Ballynane bog. stream section near b
6910	12bii	"	"	Weathered siltstone.		" " " "
6911	13ai	"	"	Porcelainous tuff block in shale.		Ballynane bog. Boundary ditch of ope
6912	13aii	"	"	Quartz and tuff sandstone.		" " " "
6913	14A	"	"	Quartz grains in fine tuffaceous silt.		" " Stream section at bon

STRATIGRAPHICAL AGE	LOCALITY	REMARKS
Wenlock). Coarse tuff band in fine tuff.	Stream on Ballynane bog. see Fig 36, 4.	Ballynane Member.
Tuff.	Path exposure " " see Fig 36, 6.	" " (near Foss. loc. 22).
Fine silty tuff.	Stream - Glannaheera townland. see Fig 7.	
Lithic tuff.	Emmigh (Q6406041).	? possibly Ballynane Member (see Fig. 29, 6)
Lithic tuff.	" " " " " "	" " " "
Quartz sandstone - <u>Nb</u> rounding.	Shieve West (Q674041).	See Plate 38 B.
und and microfaulted rock.	Shieve West (Q665051) - Northern boundary fault.	See Plate 38 A.
" " " " " "	" " " " " "	
und with microfaults and tension gashes.	" " " " " "	
und & highly sericitized.	" " " " " "	
lled and sericitised rock.	Roadside 2.4 km w.s.w of Annascaul (Q569012).	From northern boundary fault of Annascaul.
shed, chloritized & sericitized sandst. of Dingle Gp.	Bealacoona wave cut platform Minard Bay.	From core of fold near southern boundary fault.
iddle (Ludlow). Fine parallel-laminated siltstone.	Derrymore Glen. Downstream from foss. loc. 39 Fig. 25.	
Coarse quartz sandstone. Rounded grains.	" " Near foss. loc. 39. (Fig 25).	<u>Nb</u> high calcareous content.
Quartz and chlorite siltstone.	" " " " " "	
<u>Chondrites</u> tubes in siltstone	" " Fossil loc. 39 (Fig 25).	
Coarse poorly sorted quartz sandstone.	" " Fossil loc. 39. " "	See plate 39 A & B.
Fine calcareous quartz siltstone.	" " " " " "	
Very fine grained siltstone.	" " " " " "	
Fine siltstone overprinted with Pyrites.	" " near northernmost lough.	See Plate 39 D.
Fine purple siltstone.	" " " " " "	
Wenlock). Lithic tuff.	Bulls Head Inlier. Mid way up cliffs at foss loc. 15.	Ballynane Member.
Fine tuff - from volcanic mudflow.	Bealacoona wavecut platform - Minard Bay.	
Coarse siltstone - from boulder in mudflow.	" " " " " "	See Plate 37 D and Plate 18 A
Coarse calc. sandstone " " " "	" " " " " "	
Fine quartz and chlorite siltstone - black in lab.	" " " " " "	
Volcanic and quartz sandstone.	Tranageeragh - Minard bay. Base of turbiditic unit.	See Plate 37 A.
Tuffaceous shale.	Stream section Ballynane bog - near loop in road.	
Altered siltstone.	Ballynane bog. stream section near bend in road.	
Weathered siltstone.	" " " " " "	
Porcelainous tuff block in shale.	Ballynane bog. Boundary ditch of open bog s. of stream.	
Quartz and tuff sandstone.	" " " " " "	
Quartz grains in fine tuffaceous silt.	" " Stream section at boundary of open bog.	

15a.	FIELD NUMBER	COLLECTOR	ROCK incl. STRATIGRAPHICAL AGE	LOCALITY
6914	15c.	J. Parkin.	Annascaul Fm. Quartz siltstone band in shale.	Ballynane bog. at beginning of open bog
6915	17.	"	"	Ballynane bog. At beginning of open bog
6916	18.	"	"	Ballynane bog. At bend in stream.
6917	20a	"	Quartz and chlorite siltstone band	"
6918	20b	"	Porcelainous tuff with silty fraction	"
6919	20c	"	Weathered porcelainous tuff.	"
6920	20d	"	Porcelainous tuff.	"
6921	20e	"	Coarse tuff with pyrites crystals.	"
6922	20f	"	Chloritized fine tuff.	"
6923	20g	"	Chloritized fine & coarse tuff.	"
6924	20h	"	Fine tuff.	"
6925	29a	"	Chloritized fine & coarse tuff.	"
6926	31.	"	Fine reddened tuff.	"
6927	39.	"	Coarse iron rich tuff.	"
6928	39a.	"	Fine tuff.	"
6929	39c	"	Coarse lithic tuff.	"
6930	12d.	"	Parallel laminated fine siltstone.	"
6931	33a.	"	? Loose block.	"
6932	33b.	"	"	"
6933	34a.	"	Annascaul Fm. Sandstone with long contacts in grains.	Beheenagh townland. Below the H
6934	35c	"	Fine tuffaceous shale.	"
6935	34b.	"	Quartz siltstone. Block in shale.	Beheenagh Wood - stream section - j
6936	17d.	"	Siltstone with chloritized tuff flakes.	Beheenagh Wood. - stream section
6937	153b.	"	Coarse tuff. Probably mudflow material.	Beheenagh townland (Q 716069)
6938	155b.	"	Lithic tuff. with lava & pumice clasts.	Commons townland. Southern bound
6939	149.	"	Impure silty limestone.	Curraclullenagh townland. Near fa
6940	178.	"	Microconglomerate.	southern boundary of Curraclullenagh.
6941	151/1	"	Limestone	northern stream section of Common
6942	151/2	"	"	Fossil locality 36. Southern boundary
6943	151/3	"	"	"
6944	151/4	"	"	"
6945	151/5	"	"	"
6946	145/8	"	Limestone with sections of <i>C. repens</i>	Fossil locality 28. southern Curracl
6947	from B.H. 39.	"	Micrite below <i>C. repens</i> limestone	Fossil loc. 9. Bulls Head Inlier.

quartz siltstone band in shale.

incl. STRATIGRAPHICAL AGE

Quartz siltstone band in shale.

" " "

Quartz and chlorite siltstone band.

Porcelainous tuff with silty facies.

Weathered porcelainous tuff.

Porcelainous tuff.

Coarse tuff with pyrites crystals.

Chloritized fine tuff.

Chloritized fine & coarse tuff.

Fine tuff.

Chloritized fine & coarse tuff.

Fine reddened tuff.

Coarse iron rich tuff.

Fine tuff.

Coarse lithic tuff.

Parallel laminated fine siltstone.

? Loose block.

? " "

Sandstone with long contacts in grains.

Fine tuffaceous shale.

Quartz siltstone. Block in shale.

Siltstone with chloritized tuff flakes.

Coarse tuff. Probably mudflow material.

Lithic tuff. with lava & pumice clasts.

Impure silty limestone.

Microclonglomerate.

Limestone

"

"

"

"

Limestone with sections of C. repens

Microite below C. repens limestone

Ballynane bog. at beginning of open bog.

LOCALITY

REMARKS.

Ballynane bog. At beginning of open bog.

Ballynane bog. At bend in stream. (Fig. 36, 1).

" " " " " "

" " Stream section (Fig 36, 4)

" " " " " "

" " " " " "

" " Stream Section (Fig 36, 5)

" " " " (Fig 36, 5)

" " " " " "

" " " " " "

" " " " (Fig 36, 7)

" " " " " "

" " " " (Fig 36, 8)

" " " " (Fig 36, 9)

" " " " (Fig 36, 9)

" " At boundary of open bog.

Beheenagh townland Below the Hill Fort.

" " " " " "

Beheenagh Wood - stream section - just up from road.

" " " " " "

Beheenagh Wood. - stream section - just up from road.

Beheenagh townland (Q 716069). Stream section.

Commons townland. Southern boundary stream.

Curraclullenagh townland. Near fault boundary.

southern boundary of Curraclullenagh. Foss. loc. 29.

northern stream section of Commons townland.

Fossil locality 36. Southern boundary of Commons.

" " " " " "

" " " " " "

" " " " " "

" " " " " "

Fossil locality 28. southern Curraclullenagh.

Fossil loc. 9. Bulls Head Inlier.

Base of Ballynane Member.

" " " "

" " " "

Ballynane Member. Foss. loc. 19.

" " above foss. loc. 19.

" " " "

" " Foss. loc. 20.

" " Foss. loc. 23.

" " " "

" " " "

" " Base of Fig. 36, 9

" " Graded unit.

Sandstone block in shale.

In the lowest group of exposures.

See Plate 38 C & D.

See Plate 39 C.

Probably Ballynane Member (Fig 29)

" " " "

" " " "

" " " "

" " " "

Probably Ballynane Member (Fig. 29)

Ballynane Member.

FIELD NUMBER	COLLECTOR.	Rock ind.	STRATIGRAPHICAL	AGE	LOCALITY
6948	J. Parkin.	Annascaul Fm.	Chloritized sandy limestone.		Foss. loc. 7 - Coosatonig - Bulls Head
6949	L4. Jones.	Feldspar porphyry	intruded into Annascaul Formation		Unknown.
6950	38a. J. Parkin	Annascaul Fm.	Matrix of volcanic mudflow		Bealacoos wave cut platform. M
6951	38b. "	"	Siltstone - from block in volcanic mudflow.		" " "
	Vacant				

STRATIGRAPHICAL AGE

Chloritized sandy limestone.
 Intruded into Annascaul Formation
 Matrix of volcanic mudflow
 Siltstone - from block in volcanic mudflow.

LOCALITY

Foss. loc. 7 - Coosatorig - Bulls Head Inlier.
 Unknown.
 Bealacoon wave cut platform. Muirard Bay.
 " " " "

REMARKS.

Ballynane Member.
 very weathered.

P. 6980

FIELD NO.

COLLECTOR

ROCK TYPE and STRATIGRAPHICAL AGE

LOCALITY

VACANT

FIELD NO.	COLLECTOR	ROCK TYPE and STRATIGRAPHICAL AGE	LOCALITY
7000	207	J. CONTRAST	MUDSTONE, KILTOREAN fm.
7001	204B	"	MURRY quartz arenite, Kiltorean fm.
7002	204C	"	" " " "
7003	204A	"	quartz arenite " "
7004	270	"	LITHIC quartz arenite Carrigmaclea fm.
7005	292	"	quartz porphyry clast. Carrigmaclea fm.
7006	316A	"	quartzite clast. " "
7007	316	"	" " " "
7008	665A	"	muddy gty arenite Carrigmaclea fm.
7009	665B	"	" " " "
7010	1137	"	fine sst. Kiltorean fm.
7011	1137	"	" " " "
7012	208A	"	quartz arenite " "
			stream section, east of Bally...

ROCK TYPE and STRATIGRAPHICAL AGE

LOCALITY

REMARKS.

Mudstone, Kiltoreen fm.

quarry quartz arenite, Kiltoreen fm.

" " " " " "

quartz arenite " "

lithic quartz arenite Carrignaclea fm

quartz porphyry clast. Carrignaclea fm

quartzite clast. " "

" " " "

muddy gty arenite Carrignaclea fm

" " " "

Fine sst. Kiltoreen fm.

" " " "

quartz arenite " "

STREAM SECTION, EAST OF Ballynockane Wood, Tipp

" " " " " "

" " " " " "

" " " " " "

Old Court Wood, Co Kilkenny

Carrickross Hill, Co Kilkenny

" " " "

" " " "

Catstown, Co. Kilkenny

" " " "

Greywood Quarry, Co Kilkenny

" " " "

stream section, east of Ballynockane Wood

mudstone clasts in hand specimen

Haematitic Hastings.

Clast from L.P. intrusives

} Both cut from same piece of rock.

} Both cut from same piece of rock

	Field No.	Collector.	Rock type and stratigraphic unit	Location
7013	10070	J. COLTHURST	SILTSTONE, "Lower Lst Shales"	COOLACOMORE QUARRY, Co. Kilkenny
7014	316 B	"	Quartzite clast, Carrigmaclea fm.	CARRICKTRISS HILL, Co. Kilkenny
7015	319 A	"	Coarse sst.	" " " "
7016	K26. 1264	"	Sandy siltstone, Kiltoran fm.	Council Quarry, Kiltoran Hill.
7016A	K2 a.	"	" " " "	" " " "
7017	1136	"	Mudstone, Kiltoran fm.	Greywood Quarry
7018	1024	"	Sandy mudstone	Grortna Piasa, Co. Tipp.
7019	319	"	Coarse sandstone, Carrigmaclea fm.	CARRICKTRISS HILL
7020	993	"	Quartz arenite, Kiltoran fm.	Glunngishen House, Nose of Cab.
7021	1225A	"	Sandy siltstone, " "	Quarry, south of fish farm, Ballylowe
7022	1223	"	Arkose " "	Railway cutting, Ballylowe.
7023	879A	"	Quartz arenite, Carrigmaclea fm.	E. of Carrigmahapple, Co. Tipp.
7024	643	"	Coarse sandstone, " "	Carrigata, Co. Kilkenny.
7025	206	"	Quartz arenite, " "	East end of Ballyrockham wood, Co. Tipp.
7026	763	"	Fine grained rd sandstone, Kiltoran fm.	S. of Killamery, Co. Kilkenny.
7027	925	"	Quartz arenite " "	Castle Monks, Co. Kilkenny.
7028	314	"	Feldspathic g. arenite, " "	Unlocalised.
7029	1172	"	Dolomitised sst. " " ? as higher.	Little Araigle River valley, Co. Kilkenny
7030	211B	"	Conglomeratic sst. Carrigmaclea	Cully, west of Kilkash, Co. Tipp.
7031	K0 105' - 9"	Gr. Jones	Limestone	
7032	K0 104' - 4"	"	Muddy lst.	
7033	K0 109' - 5"	"	? oolite	
7034	K0 134' - 1"	"	Siltstone	
7035	K0 144' - 7"	"	Sandy dolomite	
7036	K0 144' - 9"	"	" "	
7037	K0 158' - 4"	"	Dolomite and mud.	
7038	K0 185' - 1"	"	Dolomitic sst.	
7039	K0 202'	"	feldspathic g. arenite	
7040	K0 217'	"	Dolomitised sst.	
7041	K0 227'	"	Fine rd sst. and mudstone	
7042	K0 243'	"	Fine sst.	
7043	292A	"	Quartz porphyry fragment Carrigmaclea fm.	Carricktriss Hill.
7044	103	"	Calc. greywacke, South Lodge fm.	
7045	258			

Type and stratigraphic unit
one, "Lower LST Shales"
light clast, Carrigmaclea fm
e sst.

Siltstone, Kiltoran fm

one, Kiltoran fm.

mudstone

sandstone, Carrigmaclea fm.

arenite, Kiltoran fm.

siltstone, " "

" "

arenite, Carrigmaclea fm.

sandstone, " "

arenite, " "

medium red sandstone, Kiltoran fm.

arenite, " "

thickly arenite, " "

streaked sst. " " ? as higher.

arenite sst. Carrigmaclea

stone

lst.

to

one

slatonic

"

and mud.

ss

thickly arenite

streaked sst.

d sst. and mudstone

st.

porphyry fragments Carrigmaclea fm.

greywacke, South Lodge fm.

LOCATION

COOLAGHMORE QUARRY, Co. Kilkenny

CARRICKTRISS HILL, Co. Kilkenny

" " " "

Counest Quarry, Kiltoran Hill.

" " " "

Greywood Quarry

Gortnaheista, Co. Tipp.

CARRICKTRISS HILL

Glannyicken House, Nose of Callan

Quarry, south of fish farm, Ballylowna, Co. Kilkenny.

Railway cutting, Ballylowna.

E. of Carrigrohilla, Co. Tipp.

Carrigatna, Co. Kilkenny.

East end of Ballyrockane wood, Co. Tipp.

S. of Killamery, Co. Kilkenny.

Castle Monree, Co. Kilkenny.

Unlocalised.

Little Arraigle River valley, Co. Kilkenny.

Crully, west of Kilcass, Co. Tipp.

Remarks

phant remains

" "

Local base of O.R.S.

S.M.M. Penzance core
drilled at Knocktober.

location no's are footages from the
top of the shale.

Carricktriss hill.

	Field No.	Collector.	Rock type and Stratigraphic unit.
7046	280A	John Colthurst	Lava Carricktriss fm.
7047	293	"	Consolidate siltstone " "
7048	182	"	Greywacke, Ahenny fm.
7049	127A	"	Coarse greywacke, Rathclanish fm.
7050	119	"	Greywacke, calcareous, South Lodge fm.
7051	304	"	Vesicular feldspathic lava. Carricktriss fm.
7052	127B	"	Coarse greywacke. Rathclanish fm.
7053	193	"	Slate with pyrite, Ahenny fm.
7054	66	"	Greenish slate, Ahenny fm.
7055	252B	"	Hornfelsed sandy mudstone, Ahenny fm.
7056	92	"	Greywacke. South Lodge formation.
7057	290B	"	Banded ash fall tuff. Carricktriss fm.
7058	600	"	Siltstone, Ahenny formation
7059	190A	"	Top of dolerite sill.
7060	223 ₂	"	Calcareous greywacke, South Lodge fm.
7061	234	"	" " " " "
7062	141	"	" " " " "
7063	613	"	Coarse greywacke, Brownstown Member.
7064	6	"	Calcareous greywacke, South Lodge fm.
7065	250A + 629	"	Hard dolerite. (Ballygowan.)
7066	322A	"	↑ Siltstone, Carricktriss fm.
7067	322A	"	↓ Vesicular lava
7068	250B	"	Quartz porphyry.
7069	253d	"	Feldspathic tuff. Carricktriss fm.
7070	188A	"	Dolerite sill.
7071	251a	"	Quartz porphyry.
7072	1x	"	Dolerite.
7073	239	"	Lowermost dolerite.
7074	2x	"	Dolerite
7075	612	"	Breccia from porphyry intrusion edge.
7076	251B	"	Quartz porphyry.
7077	422	"	Dolerite
7078	252A	"	Dolerite

Location
Carricktriss Hill, Co. Wick.
" " " "
Quarry, south of Ormonde main quarry
Castle John Bridge. Co. Tipperary.
South Lodge stream valley.
Laneway, Ballyglass to Carricktriss.
Castle John Bridge. Co. Tipperary.
West bank of Luggan, south of Ormonde Quarry
Quarry on top of Ahenny Hill, Co. Tipperary.
Roadside quarry Carrick - Callan Road, N. of
Small exposure in field, 1/2 mile north-east of Tipperary
Carricktriss hill.
Stream section east of Carricktriss Cross
West bank of Luggan River, north of Ahenny
Stream section, flowing south from summit
" " " " "
" " " " "
Ballyva, west of Castle John Bridge, Co. Tipperary.
Brownstown Quarry, Co. Wick.
Road cut, south of South Lodge, Co. Wick.
Ballygowan, Co. Wick.
Exposure in field, N.W. side of Carricktriss
" " " " "
" " " " "
Newchurch, Co. Wick.
S.W. side Carricktriss Hill.
see 180A West bank of Luggan, north of Ahenny
North of Brownstown quarry, Co. Wick.
Ahenny Bridge quarry.
Continuation of intrusion at 14 on other side of
Ahenny Bridge quarry.
Field boulders, north of Brownstown quarry
Newchurch, Co. Wick.
Intrusion south of Timahilly, Co. Tipperary.

and Stratigraphic limit.

Carriektriss km.

siltstone

Aheny km.

greywacke, Rathclanish km.

the, calcareous, South Lodge km.

feldspathic lava. Carriektriss km.

greywacke. Rathclanish km.

th pyrite, Aheny km.

Slate, Aheny km.

red Haly mudstone, Aheny km.

South Lodge formation

ash fall Tuff. Carriektriss km.

, Aheny formation

slaterite silt.

greywacke, South Lodge km.

" " " "

greywacke, Brownstown Member.

greywacke, South Lodge km.

slaterite, (Ballygowan)

, Carriektriss km.

lava

porphyry.

ash fall Tuff. Carriektriss km.

silt.

porphyry.

slaterite,

from porphyry intrusion edge.

porphyry,

Location

Carriektriss Hill, Co. Wickham.

" " " "

Quarry, south of Ormonde main quarry.

Castle John Bridge. Co. Tipperary.

South Lodge stream valley.

Lane way, Boolyglass to Carriektriss.

Castle John Bridge. Co. Tipperary.

West bank of Lough, south of Ormonde Quarry.

Quarry on top of Aheny Hill, Co. Tip.

Roadside quarry Carrick - Callum Road, n. of Slievequinn.

Small exposure in field, 1/2 mile north-west of Tullahoma. Co. Tip.

Carriektriss hill.

Stream section east of Carriektriss Crook.

West bank of Lough, River, north of Aheny Bridge.

Stream section, flowing south from summit Slieveann.

" " " " " "

Ballyea, west of Castle John Bridge, Co. Tip.

Brownstown Quarry, Co. Kilkenny.

Road cut, south of South Lodge, Co. Tip.

Ballygowan, Co. Kilkenny.

Exposure in field, N.W. side of Carriektriss Hill.

" " " " " "

Newchurch, Co. Kilkenny.

S.W. side Carriektriss Hill.

see 1904 West bank of Lough, north of Aheny Bridge.

North of Brownstown quarry, Co. Kilkenny.

Aheny Bridge quarry.

Continuation of intrusion at 1x on other side of Lough.

Aheny Bridge quarry.

Field boulders, north of Brownstown quarry.

Newchurch, Co. Kilkenny.

Intrusion south of Linnahilly, Co. Tip.

?

Remarks

n.o. pink band in section.

	Field no.	Collector.	Rock type and stratigraphic unit
7079	313	John Colthurst	Uldathicuff. Carricktriss fm.
7080	563	"	Banded siltstone. Ahenny fm.
7081	260A	"	Siltstone. Ahenny fm.
7082	4x	"	Dolerite.
7083	633	"	Greywacke. Ahenny fm.
7084	280	"	Lahar. Carricktriss fm.
7085	280B	"	Lahar
7086	593	"	Siltstone, Ahenny fm. Brownstown Mb.
7087	846	"	Consolute bedded fine greywacke. Ahenny fm.
7088	128	"	Coarse greywacke, Rathclarish fm.
7089	813	"	Calc. greywacke. South Lodge fm.
7090	834	"	Slumped siltstone, Ahenny fm.
7091	613C	"	Fine greywacke, Brownstown Mb.
7092	106B	"	Siltstone. Ahenny fm.
7093	828	"	Siltstone. Ahenny fm.
7094	556	"	Banded slate. Ahenny fm.
* 7108	613B	"	Greywacke. Brownstown Mb.
* 7109	489	"	Fine greywacke, Ahenny fm.
7095	293A	"	Quartz siltstone. Carricktriss fm.
7096	489	"	Fine greywacke, Ahenny fm.
7097	5x	"	Top of sil & fine sediment.
7098	334	"	Coarse greywacke. Rathclarish fm. Brownstown Mb.
7099	843	"	Conglomeratic greywacke. Rathclarish fm.
7100	332	"	Brownstown mb. greywacke.
7101	167	"	Conglomeratic greywacke Brownstown Mb.
7102	525	"	Conglomeratic greywacke.
7103	253B	"	Lahar, Carricktriss fm.
7104	106C	"	Hardfused siltstone, Ahenny fm.
7105	229	"	Coloured slate, Ahenny fm.
7106	202	"	Silty slate, Ahenny fm.
↑ 7107	370	"	Interbedded x bedded. Rathclarish fm.
* 7110	128A	"	x bedded siltstones.
7111	576	"	Muddy st

location.

lane leading from Bodloglass - Carricktriss

west side of Crannyduff Hill, Co. Kilkenny

Stream section west of Carricktriss Cross.

Ahenny Bridge Quarry.

Ballygowan, Co. Kilkenny.

Carricktriss Hill.

Brownstown Mb., north of Carrignog Hill.

Distal turbidite facies, south of Ormonde Quarry.

Castle John Bridge, Co. Tipp.

South of Ballynea, Co. Tipp.

South-east of Castle John Bridge.

Brownstown quarry.

Ahenny Bridge quarry.

Quarry also site of Ormonde Quarry.

Stream section east of Carrignog Hill.

Brownstown Quarry.

Distal turbidite unit, S. of Ormonde Quarry.

Carricktriss Hill.

Distal turbidite unit, S. of Ormonde Quarry.

Ahenny Bridge Quarry.

Brownstown Member, north of Ormonde Quarry.

Carricktriss, Co. Tipp.

North of Ormonde quarries.

" " "

Macaulis Hill, Co. Kilkenny.

Carricktriss Hill.

Ahenny Bridge Quarry.

Barnadown Co. Kilkenny.

Ahenny village

Rathclarish.

Castle John Bridge

Carrignog Hill

type and stratigraphic units
 this tuff. Carricktriss fm.
 d. siltstone. Aheny fm.
 one. Aheny fm.
 E.
 rocks. Aheny fm.
 Carricktriss fm.
 stone, Aheny fm. Brownstown Mb.
 white bedded fine greywacke. Aheny fm.
 greywacke, Rathclarish fm.
 greywacke. South Lodge fm.
 bed siltstone, Aheny fm.
 greywacke, Brownstown Mb.
 Aheny fm.
 Aheny fm.
 bedded slate. Aheny fm.
 wacke. Brownstown Mb.
 greywacke, Aheny fm.
 siltstone. Carricktriss fm.
 greywacke, Aheny fm.
 of silt & fine sandstone.
 greywacke. Rathclarish fm. Brownstown Mb.
 vesicular greywacke. Rathclarish fm.
 Brownstown Mb. greywacke.
 micaceous greywacke. Brownstown Mb.
 micaceous greywacke.
 Carricktriss fm.
 bedded siltstone, Aheny fm.
 d. slate, Aheny fm.
 slate, Aheny fm.
 k. x bedded. Rathclarish fm.
 bedded siltstones.
 day st

location.
 Lane leading from Ballyglenn - Carricktriss.
 west side of Craggy druff Hill, Co. Kilkenny.
 Stream section west of Carricktriss Crann.
 Aheny Bridge Quarry.
 Ballygowan, Co. Kilkenny.
 Carricktriss Hill.
 Brownstown Mb., north of Carrignog Hill.
 Distal turbidite facies, south of Ormonde Quarry.
 Castle John Bridge, Co. Tipp.
 South of Ballygar, Co. Tipp.
 South-east of Castle John Bridge.
 Brownstown quarry.
 Aheny Bridge quarry.
 Quarry at the side of road to Ormonde Quarry.
 Stream section east of Carrignog Hill.
 Brownstown Quarry.
 Distal turbidite unit, S. of Ormonde Quarry.
 Carricktriss Hill.
 Distal turbidite unit, S. of Ormonde Quarry.
 Aheny Bridge Quarry.
 Brownstown Member, north of Ormonde Quarry.
 Curraheen, Co. Tipp.
 North of Ormonde quarries.
 " " "
 " " "
 Velmacoluis Hill, Co. Kilkenny.
 Carricktriss Hill.
 Aheny Bridge Quarry.
 Barnadown Co. Kilkenny.
 Aheny village
 Rathclarish.
 Castle John Bridge
 Carrignog Hill

Remarks.
 no section, only foliated slab.
 no section, foliated slab.
 no section
 " "
 " "
 " "

Western end of The Longford-Down Inlier :

John Henry Morris.

Field Number	Collector	Stratigraphic Unit & rock type.	6" sheet	Location	Townland
7112	9-1-3c	J.H.M. Corn Hill Formation : Slate	Longford	5	: Derrynacross
7113	5-1-3	" " " " : Chert	"	5	: Carrickateane
7114	5-1-2b	" " " " : Greywacke arenite: Metaclast Variety	"	5	: Aghadowry
7115	5-2-8	" " " " : " " " "	"	5	: Derrynacross
7116	5-2-8	" " " " : Metabentonite	"	5	: "
7117	9-1-4	" " " " : Mafic volcanoclastic conglomerate	"	9	: Oghill
7118	"	" " " " : " " " "	"	9	: "
7119	3-2-6	" " " " : Jasper	"	3	: Cleenrah
7120	3-2-6e	" " " " : Tuff.	"	3	: "
7121	C19-1-3d	" Coronea Formation : Greywacke arenite: Metaclast Variety	Cavan	19	: Cappagh
7122	C19-2-2f	" " " " : " " " "	"	19	: Derrynacross
7123	C24-1-1c	" " " " : " " " "	"	24	: Bruse
7124	C24-1-2g	" " " " : " " " "	"	24	: "
7125	C24-1-11a	" " " " : " " " "	"	24	: Aghaknock
7126	C24-1-11b	" " " " : " " " "	"	24	: Aghaknock
7127	C24-2-3	" " " " : " " " "	"	24	: Behy.
7128	C24-2-5	" " " " : " " " "	"	24	: Behy.
7129	C24-3-4	" " " " : " " " "	"	24	: Drumhart.
7130	C30-2-2a	" " " " : " " " "	"	30	: Castlepoles.
7131	1-1-2b	" " " " : " " " "	Longford	1	: Fihoragh
7132	2-3-5	" " " " : " " " "	"	2	: Corinagh
7133	2-3-6i	" " " " : " " " "	"	2	: Smear
7134	2-3-7	" " " " : " " " "	"	2	: Cuingreen
7135	2-3-9c	" " " " : " " " "	"	3	: Carrickmagilirk
7136	3-2-5h	" " " " : " " " "	"	3	: Mear / Cleenrah
7137	5-1-6e	" " " " : " " " "	"	6	: Rathmore
7138	5-2-2	" " " " : " " " "	"	5	: Tawnagh
7139	5-4-3	" " " " : " " " "	"	5	: Derawleg
7140	5-4-5h	" " " " : " " " "	"	5	: "
7141	5-4-6	" " " " : " " " "	"	5	: "
7142	8-1-1d	" " " " : " " " "	"	8	: Leitrim
7143	8-1-2b	" " " " : " " " "	"	8	: Kilnashee
7144	9-1-2c	" " " " : " " " "	"	5	: Cartrungolan
7145	9-1-2k	" " " " : " " " "	"	5	: "

rock type.	6" sheet	Location	Townland
on : Slate	Longford 5	:	Derrynacross
: Chert	" 5	:	Carrichaleane
: Greywacke arenite: Metaclast Variety	" 5	:	Aghadowry
: " " : " "	" 5	:	Derrynacross
: Metabentonite	" 5	:	"
: Mafic volcanoclastic conglomerate	" 9	:	Oghill
: " " : " "	" 9	:	"
: Jasper	" 3	:	Cleenrah
: Tuff.	" 3	:	"
: Greywacke arenite: Metaclast Variety	Cavan 19	:	Cappagh
: " " : " "	" 19	:	Derrynacross
: " " : " "	" 24	:	Bruse
: " " : " "	" 24	:	"
: " " : " "	" 24	:	Aghaknock
: " " : " "	" 24	:	Aghaknock
: " " : " "	" 24	:	Behy.
: " " : " "	" 24	:	Behy.
: " " : " "	" 24	:	Drumhart.
: " " : " "	" 30	:	Castlepoles.
: " " : " "	Longford 1	:	Fihoragh
: " " : " "	" 2	:	Corinagh
: " " : " "	" 2	:	Smear
: " " : " "	" 2	:	Cuingareen
: " " : " "	" 3	:	Carrickmagilirk
: " " : " "	" 3	:	Mear / Cleenrah
: " " : " "	" 6	:	Rathmore
: " " : " "	" 5	:	Tawnagh
: " " : " "	" 5	:	Derauley
: " " : " "	" 5	:	"
: " " : " "	" 5	:	"
: " " : " "	" 8	:	Leitrim
: " " : " "	" 8	:	Kilnashee
: " " : " "	" 5	:	Cartrungolan
: " " : " "	" 5	:	"

Remarks.

Major & trace element analysis, Table 2-2

7146	C19-1-4f	J.H.M.	Coronea Formation : Greywacke arenite; Barren Variety	Cavan 19 : Drumhillagh
7147	C19-2-1	"	" " ; " " ; " "	Cavan 19 : Drumroosh / Yewer
7148	3-1-2i	"	" " ; " " ; " "	Longford 3 : Crotl.
7149	3-2-4a	"	" " ; " " ; " "	" 3 : Mear
7150	5-1-4d	"	" " ; " " ; " "	" 5 : Edenmore
7151	5-2-2c	"	" " ; " " ; " "	" 5 : Gaigue
7152	5-3-8d	"	" " ; " " ; " "	" 5 : Brocklagh / Crowdr
7153	8-1-1n	"	" " ; " " ; " "	" 8 : Briskil
7154	9-1-2d	"	" " ; " " ; " "	" 9 : Cartrongolan
7155	C24-1-9c	"	" " ; " " ; Plagioclase-Porphry	Cavan 24 : Drumamry
7156	C24-2-7b	"	" " ; " " ; " "	Cavan 24 : Drumbullion
7157	C24-3-3c	"	" " ; " " ; " "	Cavan 24 : Corlisbrattan
7158	C30-2-6l	"	" " ; " " ; " "	" 30 : Cordoff
7159	2-3-3	"	" " ; " " ; " "	Longford 2 : Annagh
7160	3-2-2a	"	" " ; " " ; " "	" 3 : Drumhalry
7161	3-2-6c	"	" " ; " " ; " "	" 3 : Mear / Cleenrah
7162	4-1-2a	"	" " ; " " ; " "	" 4 : Cloonellan
7163	5-1-4	"	" " ; " " ; " "	" 5 : Edenmore
7164	5-4-1b	"	" " ; " " ; " "	" 5 : Barraghmore
7165	5-4-7	"	" " ; " " ; " "	" 5 : Derawleg
7166	8-2-1a	"	" " ; " " ; " "	" 8 : Kilmacannon
7167	2-3-8d	"	" " ; " " ; Quartz-lithic wacke	" 3 : Moyne
7168	RQ1	"	" " ; " " ; fine grained.	Cavan 24 : Coronea (Quarry)
7169	RQ6	"	" " ; Chert	Cavan 24 : "
7170	C24-1-6g	"	" " ; " "	Cavan 24 : Drunkilroosh
7171	5-2-6b	"	" " : Greenish white lamina in red argillite	Longford 5 : Lettergeerah
7172	5-4-3	"	" " : Layered quartz-carbonate vein.	" 5 : Derawleg
7173	3-1-1e	"	" " : Laminated haematite + ? radiolaria	" 3 : Enaghan
7174	"	"	" " : Spilite	" 3 : "
7175	8-1-2e	"	" " ; " "	" 8 : Kilnashee
7176	"	"	" " ; " + Jasper, flow contact.	" 8 : "
7177	"	"	" " ; " " ; " "	" 8 : "
7178	L30-2-1	"	Finnalaghla Formation : Greywacke arenite; Metaclast Variety	Leitrim 30 : Cullen and Brownhill
7179	L30-2-14	"	" " ; " " ; " "	" 30 : Kilnamarve Kilnamarve

Greywacke arenite; Barren Variety

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Greenish white lamina in red argillite

Layered quartz-carbonate vein.

Laminated haematite + ? radiolaria

Spilite

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" + Jasper, flow contact,

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Greywacke arenite; Metaclast Variety

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Cavan 19 : Drumhillagh

Cavan 19 : Drumroosh / Yewer Glebe

Longford 3 : Crotl.

" 3 : Mear

" 5 : Edenmore

" 5 : Gaigue

" 5 : Brocklagh / Crowdruman

" 8 : Briskil

" 9 : Cartrungolan

Cavan 24 : Drumamry

Cavan 24 : Drumbullion

Cavan 24 : Corlisbrattan

" 30 : Corduff

Longford 2 : Annagh

" 3 : Drumhalry

" 3 : Mear / Cleenrah

" 4 : Cloonellan

" 5 : Edenmore

" 5 : Barraghmore

" 5 : Derawleg

" 8 : Kilmacannon

" 3 : Moyne

Cavan 24 : Coronea (Quarry)

Cavan 24 : "

Cavan 24 : Drumkilroosh

Longford 5 : Lettergeerah

" 5 : Derawleg

" 3 : Enaghan

" 3 : "

" 8 : Kilnashee

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Leitrim 30 : Cullen and Brownhill

" 30 : ~~Kilnamarve~~

" 30 : Kilnamarve

Major & trace element analysis, Table 2-2

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" " " " #2, Table 7-1

" " " " #1, " "

7180	L30-2-19	J.H.M.	Finnalaghta Formation: Greywacke arenite; Metaclast Variety					Leitrim	30 : Kilnamarve
7181	L30-3-1a	"	"	"	"	"	"	"	30 : Drumbreanliss
7182	L30-3-2	"	"	"	"	"	"	"	30 : Errew
7183	L30-3-4b	"	"	"	"	"	"	"	30 : Cornaghy
7184	L30-3-9a	"	"	"	"	"	"	"	30 : Mullanadarragh
7185	L30-4-8a	"	"	"	"	"	"	"	30 : Aghavore / Cullies
7186	L30-4-10	"	"	"	"	"	"	"	30 : Cloghough
7187	L33-1-3	"	"	"	"	"	"	"	33 : Cordoff North
7188	L33-1-5b	"	"	"	"	"	"	"	33 : Aghavas
7189	L33-3-1c	"	"	"	"	"	"	"	33 : Sunnagh More
7190	L33-3-4	"	"	"	"	"	"	"	33 : Killyvehy
7191	L33-3-4b	"	"	"	"	"	"	"	33 : "
7192	L34-1-1d	"	"	"	"	"	"	"	34 : Tolly South
7193	L34-2-1a	"	"	"	"	"	"	"	34 : " "
7194	1-1-1	"	"	"	"	"	"	Longford	1 : Fihoragh
7195	2-2-2	"	"	"	"	"	"	"	2 : Clonelly
7196	2-2-2a	"	"	"	"	"	"	"	2 : "
7197	2-2-3b	"	"	"	"	"	"	"	2 : " / Corglass
7198	2-3-1c	"	"	"	"	"	"	"	2 : Farmollagh
7199	2-3-2	"	"	"	"	"	"	"	2 : "
7200	2-3-2c	"	"	"	"	"	"	"	2 : Drumard
7201	L35-1-17	"	"	"	"	"	"	Leitrim	35 : Fearnaght
7202	FQ 11	"	"	"	"	"	"	" (note)	35 : Finnalaghta (quarry)
7203	FQ 12	"	"	"	"	"	"	" (grass)	35 : "
7204	R18-3-38	"	"	"	"	"	"	Roscommon	18 : Kilgarve
7205	R18-3-69	"	"	"	"	"	"	"	18 : Drumman More
7206	R18-3-74	"	"	"	"	"	"	"	18 : Knockhall
7207	R23-4-11	"	"	"	"	"	"	"	24 : Tolly
7208	R24-2-6	"	"	"	"	"	"	"	24 : Knockhall
7209	R24-2-10	"	"	"	"	"	"	"	24 : Legan
7210	R29-4-33	"	"	"	"	"	"	"	29 : Kilmacananennu
7211	R36-2-5	"	"	"	"	"	"	"	36 : Reagh
7212	R36-2-27	"	"	"	"	"	"	"	36 : Doughill / Trillacrog
7213	2-1-4c	"	"	"	"	"	"	Longford	2 : Shanmollagh

on: Gregwacke arenite; Metaclast Variety

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Leitrim 30: Kilnamarve

" 30: Drumbreanliss

" 30: Errew

" 30: Cornaghy

" 30: Mollanadarragh

" 30: Aghavore / Cullies

" 30: Cloghbough

" 33: Corduff North

" 33: Aghavas

" 33: Sunnagh More

" 33: Killyvehy

" 33: "

" 34: Tolly South

" 34: " "

Longford 1: Fihoragh

" 2: Clonelly

" 2: "

" 2: " / Corglass

" 2: Farmollagh

" 2: "

" 2: Drumard

Leitrim 35: Fearnagh

" 35: Finnalaghta (quarry)

" 35: "

Roscommon 18: Kilgarve

" 18: Drumman More

" 18: Knockhall

" 24: Tully

" 24: Knockhall

" 24: Legan

" 29: Kilmacananenny

" 36: Reagh

" 36: Doughill / Trilacraghan

Longford 2: Shanmollagh

" ; Barren Variety

7214	L35-1-48	J.H.M.	Finnalaghla Formation : Greywacke arenite ; Barren Variety	Leitrim 35 : Fearnaght
7215	R18-3-48	"	" " " " ; " "	Roscommon 18 : Mollaghmacormick
7216	L36-1-2c	"	" " " " ; Plagioclase-Porphyr	Leitrim 36 : Fearglass North
7217	2-1-1	"	" " " " ; " "	Longford 2 : Fardruman
7218	2-1-7g	"	" " " " ; " "	" 5 : Shanmullagh
7219	L30-1-1a	"	" " " " ; " "	Leitrim 30 : Cullen and Brownhill
7220	R18-3-28	"	" " " " ; K-spar Variety	Roscommon 18 : Kilgarve
7221	R18-3-31	"	" " " " ; " "	" 18 : "
7222	R18-3-34	"	" " " : Quartz-feldspar wacke	" 18 : "
7223	L35-1-35	"	" " " : Greywacke pelite.	Leitrim 35 : Finnalaghla
7224	L35-1-58	"	" " " ; " "	" 35 : Drumlon / Esker Sou
7225	R36-2-24	"	" " " ; " "	Roscommon 36 : Trilacrogan / Dough
7226	FQ6	"	" " " : Layered quartz-carbonate vein.	L. " 35 : Finnalaghla (quarry)
7227	L35-1-36	"	" " " ; " "	Leitrim 35 : Finnalaghla (quarry)
7228	"	"	" " " ; " "	" 35 : "
7229	R23-4-42	"	Lackan Formation : Feldspathic arenite	Roscommon 23 : Ballyfeeng
7230	R29-4-7	"	" " " ; " "	" 29 : Carroward / Ballydo
7231	R29-4-19	"	" " " ; " "	" 29 : Trila
7232	R36-1-34	"	" " " ; " "	" 36 : Reagh
7233	R23-4-28	"	" " " ; Feldspathic wacke	" 23 : Ballyfeeng
7234	R29-2-22	"	" " " ; " "	" 29 : Cloongarran More
7235	R29-4-10	"	" " " ; " "	" 29 : Carroward / Ballydo
7236	R29-4-15	"	" " " ; " "	" 29 : Lackan
7237	R29-4-57	"	" " " ; " "	" 29 : Ballydoffy
7238	R36-1-35	"	" " " ; " "	" 36 : Aghaward / Reagh
7239	R36-2-10	"	" " " ; " "	" 29 : Lackan / Reagh
7240	R36-2-11	"	" " " ; " "	" 29 : "
7241	R36-2-12	"	" " " ; " "	" 29 : "
7242	R36-2-15	"	" " " ; " "	" 36 : Aghamuck / Killulda
7243	R36-2-17	"	" " " ; " "	" 36 : Kilmacvagh
7244	R23-4-12	"	" " " : Greywacke arenite, ^{Plag.-porph} Barren Variety.	" 23 : Tully
7245	R29-4-57	"	" " " ; " " " " "	" 29 : Ballydoffy
7246	R36-1-33	"	" " " ; " " " Barren "	" 36 : Reagh
7247	R23-4-28	"	" " " : Jasper	" 23 : Ballyfeeng

: Jasper

n 23 : Ballygeeny

7248	R29-4-89	J.H.M.	Lackan Formation : Jasper.	Roscommon	29 : Ballydoffy
7249	R36-2-18	"	" : "	"	36 : Kilmacvagh
7250	R29-4-16	"	" : Mottled Jasper	"	29 : Lackan
7251	BC 1	"	" : Cobble conglomerate	"	36 : Reagh
7252	BC 3	"	" : " "	"	36 : "
7253	BC 4	"	" : " "	"	36 : "
7254	BC 5	"	" : " "	"	36 : "
7255	BC 6	"	" : " "	"	36 : "
7256	BC 8	"	" : " "	"	36 : "
7257	R29-4-63	"	" : Cataclastic quartzite.	"	29 : Ballydoffy / Tullyvara
7258	R29-4-64	"	" : " "	"	29 : "
7259	R29-4-65	"	" : " "	"	29 : "
7260	R29-4-3	"	" : Pelite.	"	29 : Carroward / Ballydoffy
7261	L32-3-14	"	Aghamore Formation : Spilite	Leitrim	32 : Curragha
7262	L32-3-31	"	" : "	"	32 : Antfield
7263	L35-1-1	"	" : "	Leitrim	35 : Aghamore
7264	L35-1-6	"	" : "	"	35 : Mollagh
7265	L35-1-10	"	" : "	"	35 : Aghinlass
7266	L35-1-12	"	" : "	"	35 : Gortinee
7267	L35-1-54	"	" : "	"	35 : Mollagh
7268	R18-3-20	"	" : "	Roscommon	18 : Kilgarve
7269	R18-3-25	"	" : Intraflow breccia	"	18 : "
7270	"	"	" : Spilite.	"	18 : "
7271	R18-3-36	"	" : "	"	18 : Lavagh
7272	R18-3-37	"	" : "	"	18 : Kilgarve
7273	R18-3-39	"	" : "	"	18 : "
7274	R18-3-66	"	" : "	"	18 : "
7275	R23-2-9	"	" : "	"	23 : Legan / Carrownskeen
7276	R23-2-10	"	" : "	"	23 : "
7277	R23-2-12	"	" : "	"	23 : "
7278	R23-2-16	"	" : "	"	23 : "
7279	R23-2-19	"	" : "	"	23 : Carrownskeen
7280	R23-4-25	"	" : "	"	23 : Ballyfeeng
7281	R23-4-26	"	" : "	"	23 : "

[illegible]

Roscommon 29 : Ballydoffy
 " 36 : Kitmacvagh
 " 29 : Lachan
 " 36 : Reagh
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 " 29 : Ballydoffy / Tollyvaran
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 " 29 : Carroward / Ballydoffy.
 Leitrim 32 : Curragha
 " 32 : Ant-field
 Leitrim 35 : Aghamore
 " 35 : Mollagh
 " 35 : Aghinlass
 " 35 : Gortinece
 " 35 : Mollagh
 Roscommon 18 : Kilgarve
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 " 18 : Lavagh
 " 18 : Kilgarve
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 " 23 : Legan / Carrownskeheen
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Rhyolite cobble.
Granite " "
Matrix
Microgranodiorite cobble.
Quartz-plagioclase phyric dacite cobble.
Rhyolite cobble.

Major & Trace element analysis #17, Table 7-1			
"	"	"	#16, "
"	"	"	#15, "
"	"	"	#14, "
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7282	R23-2-28	J.H.M.	Aghamore Formation : Spilite.	Roscommon 23 : Carrownskeheen
7283	R24-1-12	"	" " " " "	" 24 : Legan
7284	R29-4-17	"	" " " " "	" 29 : Curraghdoffy
7285	R36-2-8	"	" " " " "	" 36 : Lachan
7286	L32-3-16	"	" " " " : Feldspathic waxche/greywacke.	Leitrim 32 : Ummara
7287	L32-3-21	"	" " " " " "	" 32 : "
7288	"	"	" " " " " (- Jasper clast).	" 32 : "
7289	R18-3-6	"	" " " " " "	Roscommon 18 : Kilgarve
7290	R18-3-55	"	" " " " " "	" 18 : Carrigeen
7291	R18-3-64	"	" " " " " "	" 18 : Kilgarve
7292	R23-2-17	"	" " " " " "	" 23 : Carrownskeheen/
7293	R23-4-1	"	" " " " " "	" 23 : Rosdun
7294	R23-4-6	"	" " " " " "	" 23 : "
7295	R23-4-13	"	" " " " " "	" 23 : Ballyfeeny
7296	R18-3-14	"	" " " " : Pebbly conglomerate	R " 18 : Kilgarve
7297	R18-3-11	"	" " " " : Pelite	" 18 : "
7298	R23-4-16	"	" " " " : Green silty laminae in red pelite.	" 23 : Ballyfeeny
7299	R23-4-21	"	" " " " : Cherty loff?	" 23 : "
7300	C30-1-1b	"	Red Island Formation : Pyroxene-Hornblende arenite Variety.	Cavan 30: Carrickclevan
7301	C30-1-1e	"	" " " " " " "	" 30: Carrickclevan
7302	C30-1-4e	"	" " " " " " "	" 30: Loughdawan
7303	C30-1-4f	"	" " " " " " "	" 30: Loughdawan
7304	C30-1-4i	"	" " " " " " "	" 30: Middletown
7305	C30-1-4c	"	" " " " " " "	" 30: Drumgore
7306	6-3-1	"	" " " " " " "	Longford 6 : Ballinukilly Lower
7307	6-3-1d	"	" " " " " " "	" 6 : Carrickdoff
7308	10-1-1j	"	" " " " " " "	" 10: Lislea / Aghareagh
7309	6-1-7c	"	" " " " : Plagioclase arenite Variety.	" 6 : Aghakeeran
7310	6-1-7i	"	" " " " " " "	" 6 : "
7311	6-1-5b	"	Glen Lodge Formation : " " " "	" 6 : Aghacordrinan
7312	6-1-12	"	" " " " " " "	" 6 : Aghnaclyff / Aghakin
7313	9-4-1b	"	" " " " " " "	" 9 : Killyclogh / Aghaward
7314	9-4-1c	"	" " " " " " "	" 9 : " "
7315	9-4-2d	"	" " " " " " "	" 9 : Lislea / Aghareagh

7316	6-1-10	J.H.M.	Elen Lodge Formation : Spilite	Longford 6 : Sonnagh
7317	9-4-1a	"	" " " " "	" 9 : Killyclogh / Aghawara
7318	9-4-3	"	" " " : Broken pillow breccia.	" 9 : Aghareagh
7319	10-1-2	"	" " " : Spilite	" 10 : "
7320	C30-1-5c	"	Carrickateane Formation : Pyroxene-hornblende arenite Variety	Cavan 30 : Aghaveans
7321	6-1-11	"	" " " " " "	Longford 6 : Polladocey
7322	6-1-13i	"	" " " " " "	" 6 : Aghnaclyff / Dunbegam
7323	9-2-2b	"	" " " : Plagioclase Variety.	" 9 : Drumnacoocha / Soran
7324	6-1-13d	"	" " " : Quartz-schist arenite.	" 6 : Aghnaclyff / Rathmore
7325	2-3-5	"	Lamprophyre, kersantite (dyke)	" 2 : Corinagh
7326	L33-4-3b	"	" " " "	Leitrim 33 : Cattan (Annagh L.)
7327	"	"	" " " , cognate xenolith.	" 33 : "
7328	C30-2-7d	"	" " , spessartite	Cavan 30 : Forthill
7329	6-1-4	"	" " "	Longford 6 : Molly
7330	9-4-1a	"	" " "	" 9 : Killyclogh / Aghawara
7331	C19-1-2d	"	Andesite (dykes)	Cavan 19 : Clodrum
7332	C24-1-2d	"	" " "	" 24 :
7333	C30-1-5b	"	" " "	" 30 :
7334	C24-1-5b	"	Rhyolite , plagioclase-hornblende phyr. (dyke)	Cavan 24 : Druncullion
7335	C24-1-5d	"	" " " " "	Cavan 24 : Drumbess
7336	C30-1-3b	"	" " " " "	" 30 : Carricklevan
7337	C30-1-4g	"	" " " " - quartz phyr. (SiO ₂ , 70.00%)	" 30 : Drungore
7338	C30-2-1b	"	" " " " - " " (SiO ₂ , 70.20%)	" 30 : Bruce
7339	R4g	"	" " " " - spherulitic (SiO ₂ , 68.05%)	" 30 : Carricklevan
7340	6-1-8c	"	" " " "	Longford 6 : Aghakeeran
7341	C24-1-8e	"	" (within the Crossdoney pluton aureole)	Cavan 24 : Annagh / Gartinard
7342	C25-1-2a	"	" " " " "	" 25 : Marahill
7343	C25-1-6c	"	" " " " "	" 25 : Leam
7344	C24-1-6b	"	" " , aphyric	" 24 : Drumbess
7345	1-1-2d	"	" " " "	Longford 1 : Ballydoffy
7346	2-3-1a	"	" " " "	" 2 : Drumard
7347	6-1-8	"	" " " "	" 6 : Aghakeeran
7348	C25-1-5a	"	Crossdoney pluton, granodiorite	Cavan 25 : Drumcrow
7349	C25-1-5b	"	" " " "	" 25 : Cloggy

n : Spilite	Longford 6 : Sonnagh	Major & trace element analysis, #6, Table 7-1	
: Broken pillow breccia.	" 9 : Killyclogh / Aghaward		
: Spilite	" 9 : Aghareagh		
ation : Pyroxene-hornblende arenite Variety	" 10 : "	" " " #5, "	
" : " " "	Cavan 30 : Aghaveans		
" : " " "	Longford 6 : Polladocey		
" : Plagioclase Variety.	" 6 : Aghnaciff / Donbegan		
" : Quartz-schist arenite.	" 9 : Drumnacocha / Soran		
	" 6 : Aghnaciff / Rathmore		
antite (dyke)	" 2 : Corinagh	" " " , kersantite, Table 8-2	
"	Leitrim 33 : Cattan (Annagh L.)		
" , cognate xenolith.	" 33 : "		
ssartite	Cavan 30 : Forthill	" " " , spessartite , "	
	Longford 6 : Molly		
	" 9 : Killyclogh / Aghaward		
	Cavan 19 : Clodrum	" " " , andesite , "	
	" 24 :		
	" 30 :		
e-hornblende phyre. (dyke)	Cavan 24 : Druncullion		
" "	Cavan 24 : Drumbess	" " " "	
" "	" 30 : Carrickclevan		
" - quartz phyre (SiO ₂ , 70.00%)	" 30 : Drungore	" " " "	
" - " " (SiO ₂ , 70.20%)	" 30 : Bruse	" " " "	
" - spherulitic (SiO ₂ , 68.05%)	" 30 : Carrickclevan	" " " "	
	Longford 6 : Aghakeeran		
* Crossdoneg pluton aureole)	Cavan 24 : Annagh / Gartinaadress		
" " "	" 25 : Marahill		
" " "	" 25 : Leam		
	" 24 : Drumbess	" " " "	
	Longford 1 : Ballyduffy		
	" 2 : Drumard		
	" 6 : Aghakeeran		
granodiorite	Cavan 25 : Drumcrow	" " " , G3 , "	
"	" 25 : Cloggy		

7350	C25-1-4f	J.H.M.	Crossdoneg pluton, granodiorite	Cavan 25 : Drummora Great
7351	C30-1-3d	"	" " " "	" 30 : Carrickclevan
7352	C24-1-10h	"	" " " , marginal porphyritic phase	Cavan 24 : Farranseer
7353	C25-1-1c	"	" " " , aureole, hornfelsed arenite	" 25 : Marahill
7354	C25-1-4c	"	" " " " " " "	" 25 : Farranseer
7355	C24-1-10e	"	" " " " " maculose (cordierite) pelite	Cavan 24 : Cornafean
7356	C24-1-11a	"	" " " " " pelite	Cavan 24 : Drumrockady
7357	C24-1-11e	"	" " " " " arenite	Cavan 24 : Shancor
7358	C25-1-2b	"	" " " " " pelite containing almandine	" 25 : Drummora Little
7359	C30-1-10e	"	" " " " " arenite	Cavan 24 : Kiltrasna
7360	C30-1-11g	"	" " " " " " "	" 24 : Coolbane
7361	1-1-3	"	Arva pluton; porphyritic microgranodiorite	Longford 1 : Fihoragh
7362	1-1-1f	"	" " " , aureole, hornfelsed pelite & arenite	" 1 : Aghagah
7363	1-1-1h	"	" " " " " arenite.	" 1 : Fihoragh
7364	1-1-3a	"	" " " " " " "	" 1 : "
7365	HB1	"	Spilite	Ballygrot, Helen's Bay, Co. Down.
7366	HB2	"	"	" " "
7367	R29-2-3	"	Carboniferous, Fearnaght Formation, yellow subarkose	
7368	R29-2-23	"	" " " " " "	
7369	L35-1-25	"	" " " " " "	Leitrim 35 : Fearnaght (quarry)
7370	LW1	"	Ordovician, Owenmore Series, Letterbrock Group	6" Mayo sheet 88, to Lanmore Townland
7371	"	"	" " " "	" " "
7372	"	"	" " " "	" " "
7373	"	"	" " " "	" " "
7374	"	"	" " " "	" " "
7375	LW3	"	" " " "	" " "
7376	"	"	" " " "	" " "
7377	LW4	"	" " " "	" " "
7378	"	"	" " " "	" " "
7379	"	"	" " " "	" " "
7380	"	"	" " " "	" " "

7381 LW4 J.H.M. Ordovician, Owenmore Series, Letterbrock Group.

P 7382 " " " " "

7383 " " " " "

7384 " " " " "

7385 " " " " "

7386 " " " " "

7387 LW5 " " " "

P 7388 G.D.S.

P 7389

P 7390

P 7391

↓
Vacant

P 7400

↓
G. Emu

P 7414

↓

6" Mayo sheet 8'S, Lanmore Townland

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ore Series, Letterbrock Group.

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6" Mayo sheet 88, Lanmore Townland.

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Diamond Drill Hole, -228 feet

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, -228 "
, -249 "
, -269 "
, -276.5 "
, -310 "
, -263 "

TCD. NO. FIELD NO. COLLECTOR

ROCK - TYPE

LOCALITY

P7580 G. Emo

P7600
P7601 J. Sullivan

P7612

TCD. NO. FIELD NO. COLLECTOR

ROCK - TYPE

LOCALITY

P7778

J. Sullivan

P7800

✓

P7801

T. Morley

P7810

✓

Thin section number	FRI number	Collector	Rock	Locality
8003	60	B.C. Storey		Nr Foxford, Co Mayo
8004	60A	"		
8005	62	"		
8006	161	"		
8007	193A	"		
8008	224	"		
8009	284Y	"		
8010	291Y	"		
8011	7344	"		
8012	3444			Nr. Foxford, Co Mayo
8013	56K	J. Sykes		
8014	96	"		
8015	101	"		
8016	102	"		
8017	A114	"		
8018	164	"		
8019	166	"		
8020	340	"		
8021	638	"		
8022	176	M. Fitzell		NE. of Castlebar Co Mayo
8023	156	"		
8024	324	"		
8025	426	"		
8026	532	"		
8027	536	"		
8028	543	"		
8029	543	"		
8030	565	"		
8031	618	"		
8032	681	"		
8033	-	M. Boland	Pyrite crystals in quartzite	Sleep's Head, West Cork
8034	B	"	Cornstone	
8035	118	A. Slavin		

Locality

Remarks

Nr. Foxford, Co Mayo.

Mapping projects 1973/74

Nr. Foxford, Co Mayo.

NE. of Castlebar Co Mayo.

quartzite

Sleep's Head, West Cork

Thin section number	Field number	Collector	Rock	Locality
8036	160	A. Stevin	"Copper"	Sheep Head, West Cork
8037	-	F. Clissmann		"
8038	A	D. Orr		Sligo Lough Co. Wick/Mun
8039	3	"		
8040	B137	T. Malloy.	Kyanite Crystals in Schist	Cartoon Mt. Conn. Co. Galway
8041	B9	"	DIOPSIDE MARBLE	Moyard. Conn. Co. Galway
8042	B207	"	SEMI PELITE	Cartoon Mt. Conn. Co. Galway
8043	B ¹³⁹ 139	"	GARNET "	" " " "
8044	B170	"	SEMI PELITE	" " " "
8045	B1B3	"	"	" " " "
8046	B26	"	Mylonite	Ross. Conn. Co. Galway
8047	B85	"	GARNET Mica Schist.	Cartoon Mt. Conn. Co. Galway
8048	B139	"	ANDALUSITE CRYSTALS & SILLIMANITE in Schist	" " " "
8049	B27	"	GARNET STAUROLITE Mica Schist	Ross. Conn. Co. Galway
8050	F.H. 101	F. L. Hayes	ADAMELLITE	Lellenmulla Co Galway
8051	F.H. 143	"	Lensed amphibolite	" " " "
8052	F.H. 237	"	Psammite	" " " "
8053	F.H. 432	"	Pelite	L. Mulligan Caffrey Co Galway
8054	F.H. 733	"	Semipelite	L. Mulligan Co Galway
8055	F.H. 306	F. L. Hayes	Psammite in amphibolite	Caffrey Co Galway
8056	F.H. 358	"	"	Sw. L. Mulligan Co Galway
8057	F.H. 847	"	Pillow Lava	S.W. Lellenmulla Co Galway
8058	F.H. 700	"	Semi Pelite	" " " "
8059	F.H. 619	"	"	L. Mulligan Co Galway
8060	loc. 391	H. de Wit	brecciated Rhyodacitic Lava	Caherhill Killanena Co. Clare
8061	loc. 395A	"	Phosphenite	" " " "
8062	loc. 395B	"	Rhyolite	" " " "
8063	loc. 430	"	Basic tuff	Townland Linn Killanena Co. Clare
8064	loc. 450	"	Greynachie	" " " "
8065	loc. 464	"	Intrusive feldspar porphyry	" " " "
8066	loc. 511A	"	Greynachie	" " " "
8067	loc. 511B	"	"	" " " "
8068	loc. 530	"	Leached alk. greynachie?	Clorgan river Killanena "

Rock

Locality

Remarks.

Crystals in Schist

ELITE MARBLE

ELITE

ELITE

6

Mica Schist.

Crystals & SILLIMANITE in Schist

ELITE Mica Schist

Diolite

Diolite

acidic lava

gran porphyry

granodiorite?

Sheep Head, West Cork

Swan Linch, Co. Wicklow

Cartoon Mt. Conn. Co. Galway.

Moyard. Conn. Co. Galway.

Cartoon Mt. Conn. Co. Galway.

" " " " " "

" " " " " "

" " " " " "

Ross. Conn. Co. Galway.

Cartoon Mt. Conn. Co. Galway.

" " " " " "

Ross. Conn. Co. Galway.

Kellermullen Co. Galway

" " " " " "

L. Mulligan ~~Drappagh~~ Co. Galway

L. Mulligan Co. Galway

Drappagh Co. Galway

S. Mulligan Co. Galway

S.W. Kellermullen Co. Galway

" " " " " "

L. Mulligan Co. Galway

Caherhill Killanena Co. Clare

" " " " " "

" " " " " "

Townland Linn Killanena Co. Clare

" " " " " "

" " " " " "

" " " " " "

" " " " " "

Coogan river Killanena "

Col. Rich prob in amphibolite - diop. - garnet - calcite

In gneisses.

Some slight catenulosis,

Near granite contact.

Thin sequences visible.

In gneisses P8051 - P8059 S. Connemara Group

SECTION	FIELD NUMBER	COLLECTOR	LOCALITY
8069	A 195	P.F. CROKER	QUARTZ PEBBLE CONGLOMERATE
8070	A 1	P.F. CROKER	" " "
8071	A 195	P.F. CROKER	" " "
8072	M 152	G. VANDERAUT	TUFFACEOUS TURBIDITE
8073	L 101	"	KERATOPHYRE
8074	M 155	"	DOLERITE
8075	M 149	"	SPILITE
8076	M 184	"	OLIVINE-DOLERITE
8077	M 160	"	CRYSTAL TUFF
8078	207	A.S. LLOYD	CARBONATE u/c ON METAMORPHIC. ^{BALLSHANNON LYST.}
8079	478	A.S. LLOYD	Amphibolite with carbonate alterations
8080	510	A.S. LLOYD	Mylonite
8081	510	A.S. LLOYD	Mylonite
8082	551	A.S. LLOYD	Psammite
8083	309	A.S. LLOYD	Pelite
8084	151	A.S. LLOYD	Ballyshannon Limestone
8085	151	A.S. LLOYD	Ballyshannon Limestone
8086	286	A.S. LLOYD	Ballyshannon Limestone
8087	478	S.R. PENNEY	FELDSPATHIC PSAMMITE
8088	375	S.R. PENNEY	FELDSPATHIC PSAMMITE
8089	103	S.R. PENNEY	FELDSPATHIC PSAMMITE
8090	349	S.R. PENNEY	BIOTITE - FELDSPAR - SCHIST.
8091	151	S.R. PENNEY	GARNET - PYROXENITE.
8092	133	S.R. PENNEY	BIOTITE - EPIDOTE - SCHIST
8093	300	S.R. PENNEY	BANDED GNEISS.
	212		TALCOSE SERPENTINITE.
8094	a. } CORE 70-8	S.R. PENNEY	} PSAMMITE (CALCIFIED + MINERAL STAINED).
8095	H 66a	J.J. McHUGH.	Garnet Staurolite Pelite
8096	H. 3.	" "	Pelite
8097	H. 79	" "	Seri Pelite
8098	H. 52	" "	Quartz Mica Schist,
8099	H. 84b.	" "	Staurolite Pelite,
8100	H. 33	" "	Garnet Pelite,
8101	H. 81	" "	Garnet - Staurolite Pelite,

LOCALITY
East Whiting Bay, Co. Waterford
Ardmore Village, Co. Waterford
East Whiting Bay, Co. Waterford
NEWTOWN, CO. MEATH.
COLLON, CO. LOUTH.
GRANGEGEETH, CO. MEATH.
GRANGEGEETH, CO. MEATH.
GRANGEGEETH, CO. MEATH.
GRANGEGEETH, CO. MEATH.
2 MILES N.E. OF MANORHAMILTON
2 MILES N.E. OF MANORHAMILTON
KILRODSK ROCK AREA CO. LEITRIM.
CO. LEITRIM
CO. LEITRIM
CO. LEITRIM
CO. LEITRIM
CO. LEITRIM.
CO. LEITRIM
BENBO Mtn. Co. Leitrim.
S.W. of Cornastauk Br. nr. Bonet River + Benbo Mtn. Co. Leitrim.
BENBO Mtn. Co. LEITRIM.
nr. LURGANBOY. CO. LEITRIM.
BENBO Mtn. CO. LEITRIM.
BENBO Mtn. CO. LEITRIM.
NURE nr. LURGANBOY CO. LEITRIM.
PULLBOY, nr. Shanraha Cross. CO. LEITRIM.
} TWIGSPARK ESTATE. nr. Shanraha Cross. CO. LEITRIM.
S.W. of Letterfrack, Co. Galway.
Rossleague, Letterfrack, Co. Galway
S. of Moyard, Co. Galway.
Dawsonbeg, Letterfrack, Co. Galway.
NW of Letterfrack, Co. Galway.
Rossleague, Letterfrack, Co. Galway.
NE of Letterfrack, Co. Galway.

PEBBLE CONGLOMERATE

" "

" "

OUS TURBIDITE

HYRE

DOLERITE

TUFF

BALLSHANNON LYST.

L/C ON METAMORPHIC.

th carbonate alterations

Limestone

Limestone

Limestone

WHITE

PSAMMITE

PSAMMITE

- SCHIST

NITE

- SCHIST

TINITE

IMPIED + MINERAL STAINED).

ite Pelite

Schist,

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amulite Pelite,

LOCALITY

East Whiting Bay, Co. Waterford
Ardmore Village, Co. Waterford
East Whiting Bay, Co. Waterford

NEWTOWN, CO. MEATH.

COLLON, CO. LOUTH.

GRANGEGEETH, CO. MEATH.

GRANGEGEETH, CO. MEATH.

GRANGEGEETH, CO. MEATH.

GRANGEGEETH, CO. MEATH.

2 MILES N.E. OF MANORHAMILTON

CO. LEITRIM.

2 MILES N.E. OF MANORHAMILTON

KILRODSK ROCK AREA CO. LEITRIM.

CO. LEITRIM

CO. LEITRIM

CO. LEITRIM

CO. LEITRIM

CO. LEITRIM

CO. LEITRIM

BENBO Mtn. Co. Leitrim

S.W. of Cornastank Br. nr. Bonet River + Benbo Mtn. Co. Leitrim

BENBO Mtn. CO. LEITRIM.

nr. LURGANBOY. CO. LEITRIM.

BENBO Mtn. CO. LEITRIM.

Metabasite Pod in Psammite.

BENBO Mtn. CO. LEITRIM.

Metabasite Pod in Psammite.

NURR nr. LURGANBOY CO. LEITRIM.

TULLBOY, nr. Shanvass Cross. CO. LEITRIM.

} TWIGSPARK ESTATE. nr. Shanvass Cross. Co. Leitrim. } from 23m level in Core 70.8 Drilled by Penarroya Ltd (at present held by Geol. Surv. Ireland).

S.W. of Letterfrack, Co. Galway.

Rossleague, Letterfrack, Co. Galway

S. of Moyard, Co. Galway.

Dawrosbeg, Letterfrack, Co. Galway.

NW of Letterfrack, Co. Galway.

Rossleague, Letterfrack, Co. Galway.

NE of Letterfrack, Co. Galway.

THIN SECTION	FIELD NUMBER.	COLLECTOR	ROCK	LOCALITY
8102	H. 76.	J.J. Mc Hugh	Garnet Pelite,	SW of Lettarfrack, Co. Galway
8103	H 61	" "	Staurolite Pelite	Darroo bog, Lettarfrack, Co. Galway.
8104	H. 23	" "	Pelite	Rossleague, Limerick, Co. Galway.
8105	117	Peter Hanna	Acid crystal-vitric tuff	Ballindud, Co. Waterford.
8106	148	" "	Fine vitric tuff	Castletown, Co. Waterford.
8107	215	" "	Acid vitric-crystal tuff	Kilnoman, Co. Waterford.
8108	224	" "	Fine intermediate crystal-vitric tuff	Kilnoman, Co. Waterford.
8109	343	" "	Fine intermediate vitric-crystal tuff	Rabens, Co. Waterford.
8110	355	" "	Acid vitric-crystal tuff	Loughdeheen, Co. Waterford.
8111	188	" "	Laminated siltstone/sandstone (turbidite)	Towergare, Co. Waterford.
8112	261	" "	Porphyritic rhyolite with xenolith	Gaulestown, Co. Waterford.
8113	341	" "	Pyroxene andesite	Ballyleggat, Co. Waterford.
8114	272	" "	Trachyandesite porphyry	Loughdeheen, Co. Waterford.
8115	228	" "	Metagabbro	Kilnoman, Co. Waterford.
8116	166	D. O'HALLORAN	Andesite Porphyry	CARRICKAVARANANE, CO. WATERFORD
8117	248	" "	Interspersed Breccia	KILCARTON, CO. WATERFORD
8118	226	" "	Andesite	CARRICKAVARANANE, CO. WATERFORD
8119	303	" "	Rhyolite	BALLYDERMODY, CO. WATERFORD
8120	243	" "	Volcanic Epiclastic Conglomerate	KILCARTON, CO. WATERFORD
8121	251	" "	Acid Tuff	Ballyscanlan, Co. Waterford.
8122	280	" "	Keratophyre	MATTHEWSTOWN, CO. WATERFORD.
8123				
8124				
8125				
8126				
8127	103	George Leathart	PSAMMITE	N.E. ON MTS. CO. LEITRIM.
8128	119	"	GARNET AMPHIBOLITE	N.E. ON MTS. CO. LEITRIM
8129	182	"	PSAMMITE	N.E. ON MTS. CO. LEITRIM.
8130	171	"	Talc + Carbonate	DROMHAIR CO. LEITRIM.
8131	403	"	SEMI PELITE	N.E. ON MTS. CO. LEITRIM
8132	156	"	PSAMMITE	N.E. ON MTS. CO. LEITRIM.
8133	K 710	J. KEEGAN	GREYWACKE	DERRYFADDA, CO. CLARE.
8134	K 655	J. KEEGAN	GREYWACKE	DERRYFADDA, CO. CLARE.

ROCK	LOCALITY	REMARKS
Palite,	SW of Letterfrack, Co. Galway	
Palite	Dawrosbeg, Letterfrack, Co. Galway.	
	Rossleague, Connerora, Co. Galway.	Mounted in Alalite.
el-vitric tuff	Ballindud, Co. Waterford.	
tuff	Castletown, Co. Waterford.	
-crystal tuff	Kilnoman, Co. Waterford.	
mediate crystal-vitric tuff	Kilnoman, Co. Waterford.	
mediate vitric-crystal tuff	Rabrens, Co. Waterford.	
ic-crystal tuff	Loughdeheen, Co. Waterford.	
siltstone/sandstone (turbidite)	Towergare, Co. Waterford.	
rhylolite with xenolith	Gaulstown, Co. Waterford.	
andesite	Ballyleggat, Co. Waterford.	
desite porphyry	Loughdeheen, Co. Waterford.	
	Kilnoman, Co. Waterford.	
PORPHYRY.	CARRICKAVARAHANE, CO. WATERFORD	
breccia	KILCARTON, CO. WATERFORD	
	CARRICKAVARAHANE, CO. WATERFORD	
	BALLYDERMODY, CO. WATERFORD	
	KILCARTON, CO. WATERFORD	
EPICLASTIC CONGLOMERATE	Ballyscallan, Co. Waterford.	
ss	MATTHEWSTOWN, CO. WATERFORD.	
lyre		
AMPHIBOLITE	N.E. Ox. Mts. Co. LEITRIM.	
	N.E. Ox. Mts. Co. LEITRIM	BASIC PODS IN PSAMMITE - Retrogressed from GARNET PYROXENE
	N.E. Ox. Mts. Co. LEITRIM.	
CARBONATE	DROMKHAIR Co. LEITRIM.	PROBABLY AFTER SERPENTINITE.
ITE	N.E. Ox. Mts. Co. LEITRIM	
	NE. Ox. Mts. Co. LEITRIM.	SMALL THIN FOLDED BAND. SECTION CUT $\perp$ AXIAL PLANE
	DERRYFADDA, Co. CLARE.	
	DERRYFADDA, Co. CLARE.	

8135	K 456	J. KEEGAN	MICRO CONGLOMERATE
8136	Loc. 107.	I. ROBB.	Feldspathic Psammite.
8137	Loc 106.	I. ROBB.	Mica Schist.
8138	Loc.	I. ROBB	Garnet / Kyanite Schist.
8139	Loc. 108.	I. ROBB.	Amphibolite.
8140	Loc. 293.	I. ROBB.	Biosparite. (2 slides)
8141	Loc. 329	S. DALY	Quartz rich psammite.
8142	Loc. 504	S. DALY	
8143	Loc. 246	S. DALY	Psammite.
8144	Loc. 103	S. DALY	Serpentinite
8145	Loc. 315	S. DALY	Garnet - Psammite
8146	Loc. 280	S. DALY	Kyanite - (biotite) - Sannipelite.
8147	Loc. 543	S. DALY	Garnet - (biotite) - (muscovite) - psammite
8148	Loc. 378	S. DALY	garnet - psammite.
8149	Loc. 118	S. DALY	Garnet - Amphibole - Amphipsones - (biotite) - Metabasite in
			garnet - kyanite - psammite.

Please see me before you
 continue. Thank. S.

8152	230.	B. MISTEEN.	Acid tuff.
8153	1387.2	B. MISTEEN.	Andesite porphyry.
8154	397.	B. MISTEEN.	Dolerite
8155	352.1.	B. MISTEEN.	Rhyolite porphyry.
8156	390.	B. MISTEEN.	Epichlorite volcanic conglomerate.
8157	244.	B. MISTEEN.	Flows - banded Rhyolite.
8158	136.	B. MISTEEN.	Epichlorite volcanic conglomerate.
8159	239.	B. MISTEEN.	Acid tuff.
8160	329.	B. MISTEEN.	Andesite.
P8161	-	Roth Lyngan.	Greywacke - base of graded unit.
P8162	111	G. B. CURRY.	Coarse-grained greywacke, ord.
P8163	177	G. B. CURRY.	Fine-grained greywacke, ord.
P.8164	170	G. B. CURRY	Greywacke, ord.
P.8165	361.	G. B. CURRY	Calcareous sandstone, Carb.
P. 8166	181B.	G. B. CURRY.	Olivine - dolerite
P.8167	181A.	G. B. CURRY.	Olivine - dolerite
P.8168	174	G. B. CURRY	" "

DERBY CARRON Co. CLAKE.
 MANORHAMILTON. CO. LEITRIM.
 ST CIARE'S HALL. MANORHAMILTON. CO. LEITRIM.
 MANORHAMILTON. CO. LEITRIM.
 MANORHAMILTON. CO. LEITRIM.
 SKREENY HOUSE. MANORHAMILTON. CO. LEITRIM.
 S. of Killarney Mt.

Sliswood Gap Castleare Co. Sligo.
 Sliswood Gap. North of Corneagh Cross, Corneagh.
 Sliswood Gap. Castleare, Co. Sligo.
 Castleare, Co. Sligo.
 Tromore Bay nr. Driehfree (LOUGH GILL). Killarney, Co. Sligo.
 Killarney, Co. Sligo.
 Corneagh, Co. Sligo.

Carrickavontry, Co. Waterford.
 Carrickavontry North, Co. Waterford.
 Castletown, Co. Waterford.
 Ballyhenock Co. Waterford.
 Tramore, Co. Waterford.
 Carrickavontry, Co. Waterford.
 Cullen Castle, Co. Waterford.
 Carrickavontry, Co. Waterford.
 Tramore, Co. Waterford.
 Cliff path, Bray Head, Co. Wicklow.
 Grey Point, Co. Down.
 Grey Point, Co. Down.
 Grey Point, Co. Down.
 Cultra, Co. Down.
 nr. Rockport, Co. Down,
 " " "
 " " "

LOMERATE

Psammite.

t.

yanite Schist.

te.

(2 slides)

h psammite.

te

Psammite

ite) - Sericite.

(suscovite) - psammite

monite.

bole - Amphibolite - (boulders) - Metabasite in

monite - psammite.

de.

porphyry.

co

porphyry.

volcanic conglomerate.

anded rhyolite.

volcanic conglomerate.

- base of graded unit.

ained greywacke, Ord.

ed greywacke, Ord.

Ord.

sandstone, Carb.

erite

erite

"

DERRYCARRON Co. CLARE.

MANORHAMILTON, CO. LEITRIM.

ST CIARE'S HALL. MANORHAMILTON. CO. LEITRIM.

MANORHAMILTON. CO. LEITRIM.

MANORHAMILTON. CO. LEITRIM.

SKREENY HOUSE. MANORHAMILTON. CO. LEITRIM.

S. of Killary Mt.

Sliswood Gap. Castleore Co. SLIGO.
Co. SLIGO.

Sliswood Gap. North of Corneagh Cross, Corneagh,

Sliswood Gap. Castleore, Co. Sligo.

Castleore, Co. Sligo.

Tramore Bay NE. Irishfree (LOUGH GILL). Killary, Co. SLIGO

Killary, Co. Sligo.

Corneagh, Co. Sligo.

Carrikerantery, Co. Waterford.

Carrikerantery North, Co. Waterford.

Castletown, Co. Waterford.

Ballyknock, Co. Waterford.

Tramore, Co. Waterford.

Carrikerantery, Co. Waterford.

Gullen Castle, Co. Waterford.

Carrikerantery, Co. Waterford.

Tramore, Co. Waterford.

Cliff path, Bray Head, Co. Wicklow.

Grey Point, Co. Down.

Grey Point, Co. Down.

Grey Point, Co. Down.

Cultra, Co. Down.

nr. Rockport, Co. Down,

" " "

" " "

Strongly banded. ribbon qtz.

Strongly banded.

boundary of metabasite pod within psammite

Lithic tuff - bedding contact.

Lithic tuff with crystals.

J. Soph project 1975

shows haematite vein

Dyke

Dyke.

Dyke.

THIN SECTION	NO.	COLLECTOR	ROCK	LOCALITY
P8169	162	A. Longhrey	Grey sst with hematite staining in bands	Bunaw Co. Kerry.
P8170	227	A. Longhrey	fine grey sst with mudstone fragments	Lehid Co. Kerry.
P8171	266	A. Longhrey	fine siltstone	"
P8172	317	A. Longhrey	Coarse sst. with mud fragments	"
P8175	143	K. Russell	Purple slate with chlorite rods	Ardgroom W. Cork
P8176	1189	K. Russell	Sandstone	Collonoe Co. Kerry
P8177	1105	K. Russell	Heterolithic	Collonoe Co. Kerry
P8178	909	K. Russell	Cornstone conglomerate	Ardgroom W. Cork.
P8179	394	B. Shephard	Biotite garnet schist	Eynephont Co. Galway.
P8180	176	"	Calc - silicate	Coolacloy "
P8181	176	"	"	"
P8182	256	"	fagerliensis in pelite	"
P8183	641	"	"	"
P8184	590	"	amphibolite	Irish Turk (off Eynephont) Co. Galway.
P8185	683	"	muscovitic semi pelite	Bullmacorney Co. Galway.
P8186	269	"	semi pelite with muscovite + biotite	N. of Streamstown bog.
P8187	391	"	Dolerite dyke with zircon within vesicles	Coolacloy Co. Galway.
P8188	374	"	semi pelite - prismatic banding	Eynephont "
P8189	684	"	Lakes marble	"
P8190	692	"	muscovitic semi pelite	N of Streamstown bog.
P8191	650	"	semi pelite	Faly N.E. of Ardmore. Co. Galway.
P8192	151	"	Calc - silicate	Irish Turk (off Eynephont) Co. Galway.
P8193	539	"	"	Coolacloy Co. Galway.
P8194	106A	PUSAN MORRICE	Metadiabaseite	Ardmore "
P8195	106b	"	"	"
P8196	106c	"	Kidney Metadiabaseite	"
P8197	101	"	Pillow lava	"
P8198	10	"	Agglomerate	"
P8199	166	"	VERY FINE SEDIMENTARY.	CRD. sediments of Harz. Co. Down
P8200	1101	"	Mud flake conglomerate	"
P8201	B	"	Mud - coarse greywacke	"

ROCK

with hematite staining in bands
st with mudstone fragments
stone

t. with mud fragments

late with chlorite rods

fine
thin
conglomerate

at behind

te

in pelite

late

semi pelite

with muscovite & biotite

the with zircon within vesicles

prominent banding

le

semi pelite.

DOGRITE

SEDIMENTARY.

conglomerate

greywacke

LOCATION

Bunaw Co. Kerry.
Lehid Co. Kerry.

Ardgroom W. Cork

Collons Co. Kerry

Collons Co. Kerry

Ardgroom W. Cork.

Eyrethart Co. Galway.

Coolacloy

Irish Turk (off Eyrethart) Co. Galway

Bullmasconny Co. Galway.

N. of Streamstown bog.

Coolacloy Co. Galway.

Eyrethart

N of Streamstown bog.

Faly N.E. of Ardmore. Co. Galway.

Irish Turk (off Eyrethart) Co. Galway.

Coolacloy Co. Galway.

Ardmore

HORSE ROCK. NORTH. CO. DOWN (West of Helens Bay Beach).

" " " "

" " " "

" " " "

" " " "

ORD. sediments of Harz. Co. Down

" " " "

" " " "

should see 2 cleavages!

THIN SECTION	FIELD NUMBER	COLLECTOR	ROCK	LOCATION
P8202	A	Susan Marino	Fine grained Sediment	Ord. Sed. of MORR. Co. DOW
P8203	486.	Tom. Blake.	Epi amphibolite.	Ballynakill Fm. Gormuna Is. Co. GALWAY
P8204	216.	" "	DIOPSIDE GARNET lens.	" " " " " "
P8205	"	" "	" " " "	" " " " " "
P8206	"	" "	" " " "	" " " " " "
P8207	267.	" "	Graded massive pelite	Keltmullen Fm, GORMUNH IS. Co Galway
P8208	1017.	" "	Silicious lens in epi amphib.	Ballynakill Fm Gormuna Is. " "
P8209	"	" "	" " " "	" " " " " "
P8210	1182	" "	MICACCOUS PELITE. 4 th Member, Kiggaul Fm.	Gormuna Is. Co GALWAY.
P8211	"	" "	" " " "	" " " " " "
P8212	1183	" "	Bedded Luff, 3 rd Member	" " " " " "
P8213	219.	" "	Magnetite rich sediment 1 st Member	Gormuna Is. Co Galway.
P8214	281	Edmund Sider	Little greywacke with banded siltstone/mudstone clast.	Silvermines, Co. Tipperary
P8215	133	" "	Microconglomerate (base) contact with greywacke	" " " "
P8216	101	" "	Sublitharenite unconformably on cleaned siltstone	" " " "
P8217	292	" "	Orthoquartzite with salt flakes (some dolomite mineralization)	" " " "
P8218	174	" "	Dolomite breccia	Banjos Pit, " " "
P8219	485	" "	Dolomite breccia with "pseudofossils"	" " " " " "
P8220	266	" "	Orthoquartzite	Silvermines " " "
P8221	183	" "	} Dolomite lts & calcareous shales.	" " " " "
P8222	183	" "		" " " " "
P8223	183	" "		" " " " "
P8224	157	" "	Mineralised lts., adjacent to Silvermines fault	" " " " "
P. 8225	323	T.W.S. MacMullen.	CRINOIDAL BIOSPARITE.	USEAN LST SOUTH OF L. ARROW Co. Sligo.
P 8226	315 B	" "	BIOSPARITE	" " " " " "
P 8227	315 E	" "	"	" " " " " "
P 8228	287.	" "	CRINOIDAL BIOSPARITE.	USEAN LST. south of L. SHEAN Co. Sligo.
P. 8229	288.	" "	BIOSPARITE.	" " " " " "
P 8230	152	" "	CORAL RICH BIOSPARITE CORAL IS LITHOSTROTION PAUCIRADIALE.	BRICKLIEVE LST. Co Sligo.
P. 8231	152.	" "	" " " " " "	" " " " " "
P. 8232	495	" "	BIOTURBATED BED AT BASE OF HIGHWOOD MEMBER	" " " " " "
P. 8233	406.	" "	BIOMICRITE	" " " " " "
P. 8234	410.	" "	MICRITE.	" " " " " "

Rock

ancient sediment

ph. botite

= GARNET lens.

mammite, pelite

house in epi amphib.

s PELITE. 4th Member, KISSAU Fm.

buff, 3rd Member

rich rediment 1st Member

beds with banded siltstone/mudstone clast.

conglomerate (base) contact with greywacke

into unconformably on cleaned siltstone

~~clast~~ with all flakes (consolidation/murecation)

breccia

breccia with "pseudofossils"

type

the beds & calcareous
shales.

d list, adjacent to Silvermines fault

OSPARITE.

OSPARITE.

OSPARITE CORAL IS LITHOSTROTION PAUCIRADIALE.

" " " " " "

GEO AT BASE OF NICHWOODS MEMBER

LOCATION

Ord Sed. of MORT. Co DOW

Ballynakeil Fm. GORMUNA Is. Co GALWAY

Keltie muller Fm, GORMUNA Is. Co Galway.

Ballynakeil Fm GORMUNA Is.

GORMUNA Is. Co GALWAY.

GORMUNA Is. Co Galway.

Silvermines, Co. Liffey

" " "

" " "

" " "

Bangor Pit, " " "

" " " " "

Silvermines, " "

" " "

" " "

" " "

" " "

USKAN LST SOUTH OF L. ARROW Co SLIGO.

" " " " " "

USKAN LST. South of L. Shean Co Sligo.

BRICKLIEVE LST. Co SLIGO.

" " " "

" " " "

" " " "

" " " "

REMARKS.

showing parallel lamination ^{stratified} piled load

Knockmeade Fm. (presumed Silurian)

" " " "

Shallee Lst. Fm. (ORS) unconformity with Knockmeade Fm.

Shallee Lst. Fm. (ORS) - m. old workings in ^{White} Shallee

} Local facies of Carboniferous

- Near base of Shallee Lst. Fm.

} Ballynakeil Lst. Fm at type locality (basal Carboniferous).

- note of phalerite & barytes.

KNOCKYAN LIMESTONE FM. NOTE SAND GRAINS.

" " " " " " NOTE GREATER AMOUNT OF SAND GRAINS

IN 315 B. ALSO FELDSPARS.

Ballport Limestone formation, secondary quartz grains
can be seen forming.

Note preservation of the corals.

SPONGE SPICULES.

THIN SECTION	FIELD NUMBER	COLLECTOR	ROCK	LOCATION
P 8233 P 8235	101	P. HOGARTY	LITHIC TUFF [LAPILLI TUFF]	CURLEW MTS, CO ROSCOMMON.
P 8234 P 8236	122	P. HOGARTY	Qtz DOLERITE [Qtz MICROGABBRO]	ROCK OF DOON, CURLEW MTS, CO ROSCOMMON
P 8237	115	P. HOGARTY	FINE SANDSTONE	ROCK OF DOON, CURLEW MTS, CO ROSCOMMON
P 8238	226	P. HOGARTY	FINE LITHIC TUFF	CURLEW MTS, CO ROSCOMMON.
P 8239	268	P. HOGARTY	LAMINATED FINE SANDSTONE	CURLEW MTS, CO ROSCOMMON.
P 8240	282	P. HOGARTY	FINE SANDSTONE (ARKOSIC)	BOYLE RIVER, CO ROSCOMMON.
P 8241	284	P. HOGARTY	BIOCLASTIC LIMESTONE	BOYLE, CO ROSCOMMON
P 8242	296	P. HOGARTY	BIOSPARITE	southern shore of L. Arrow, Co Sligo.
P 8243	352	P. HOGARTY	SHALY MICRITE	southern shore of L. Arrow, Co Sligo.
P 8244	253	M. GORMLEY	Laminated siltstone	Near Bally Cross, Co. Louth.
P 8245	201	M. GORMLEY	Calcareous sandstone	Ardee, Co. Louth
P 8246	224	M. GORMLEY	Calcareous sandstone	Belferrick Quarry, Co. Louth.
P 8247	157	M. GORMLEY	Chert	Newtown Parkesque, Co. Meath.
P 8248	114	M. GORMLEY	BIO-MICRITE	Castleblayney, Nobber, Co. Meath
P 8249	210	M. GORMLEY	SPARITE	Garra Bridge, Ardee, Co. Louth
P 8250	446	O. BONHAM	Curlew Sandstone fm. sandstone.	Feorish River N. Co Roscommon.
P 8251	339.	O. BONHAM	" " Proto quartzite	Headaw area " " "
P 8252	392	O. BONHAM	Stone Park Member micrite	N. L. Meelagh " " "
P 8253	401	O. BONHAM	Leitrim Group	Slope of Kilronan Mountain Co Roscommon.
P 8254	262A Log 1 X 15	O. BONHAM.	Laminated micrite	River of Kilronan Church "
P 8255	Loc 262 B Log 1 X 3	O. BONHAM	Bioclastic limestone	" " "
P 8256	497	O. BONHAM	Laminated micrite	River behind Kilronan Abbey
P 8257	463	O. BONHAM.	Kilronan Sandstone formation	Kilronan Mountain Co Roscommon
P 8258		M. Boland.	Acidic Sill (Diorite ?) Clegher Head fm.	Clegher Head, Co. Louth. Near Port Ordeal Hbr.
P 8259		M. Boland	Basic dyke (Dolerite ?)	Clegher Head, Co Louth. To South of headland.
P 8260		" "	Contact between acidic and basic dykes.	Clegher Head, Co. Louth. Coast S. of Clegherhead vill
P 8261		" "	Greywacke. Clegher Head Formation.	Clegher Head, Co. Louth.
P 8262		"	Purple siltstone. Red Man's Cave Formation.	Beside Red Man's Cave, Clegher Head, Co Louth.
P 8263		"	Purple siltstone. Red Man's Cave Formation	" " " " " "
P 8264		"	Greywacke. Glaspistal fm.	East to South of Clegher Head, near village.
P 8265		"	Greywacke. Glaspistal fm.	Coast S. of Clegherhead village, Co Louth.
P 8266	202	C. Schaffelitz	Rhyolite, Coshane	Coshane East.
P 8267	659	C. Schaffelitz	Finegrained rhyolite	Central Bennamore

ROCK
 LITHIC TUFF [LAPILLI TUFF]
 DOLERITE [QZ MICROGABBRO]
 FINE SANDSTONE
 LITHIC TUFF
 MINATED FINE SANDSTONE
 FINE SANDSTONE (ARKOSIC)
 CLASTIC LIMESTONE
 BIOSPARITE
 SHALY MICRITE
 red siltstone
 coarse sandstone
 coarse sandstone
 RITE
 Sandstone FM. sandstone
 " Protoquartzite
 thick Member micrite
 Group
 red micrite
 limestone
 & micrite
 Sandstone formation
 Sill (Diorite?) Clogher Head fm.
 dyke (Dolerite?)
 between acidic and basic dykes.
 dyke. Clogher Head Formation.
 siltstone. Red Man's Cave Formation.
 siltstone. Red Man's Cave Formation
 dyke. Glaspistol fm.
 dyke. Glaspistol fm.
 , Crohane
 red rhyolite

LOCATION
 CURLEW MTS, CO ROSCOMMON.
 ROCK OF DOON, CURLEW MTS, CO ROSCOMMON.
 ROCK OF DOON, CURLEW MTS, CO ROSCOMMON.
 CURLEW MTS, CO ROSCOMMON.
 CURLEW MTS, CO ROSCOMMON.
 BOYLE RIVER, CO ROSCOMMON.
 BOYLE, CO ROSCOMMON
 southern shore of L. Arrow, Co Sligo.
 southern shore of L. Arrow, Co Sligo.
 near Bally Cross, Co. Louth.
 Ardee, Co. Louth
 Belfpatrick Quarry, Co. Louth.
 Newtownfarverque, Co. Meath.
 Castleblown, Nobber, Co. Meath
 Garra Bridge, Ardee, Co. Louth
 Feorish River N. Co Roscommon.
 Meadaw area " " "
 M. L. Meelagh " " "
 Slope of Kilronan Mountain Co Roscommon.
 River of Kilronan Church " "
 " " "
 River behind Kilronan Abbey
 Kilronan Mountain Co Roscommon.
 Clogher Head, Co. Louth. Near Port Dalry Hbr.
 Clogher Head, Co Louth. To South of headland.
 Clogher Head, Co. Louth. Coast S. of Clogherhead village.
 Clogher Head, Co. Louth.
 Beside Red Man's Cave, Clogher Head, Co Louth.
 " " " " " "
 East to South of Clogher Head, near village.
 Coast S. of Clogherhead village, Co Louth.
 Crohane East.
 Central Bennamore

REMARKS.
 CLASTS OF ANDESITE + RHYOLITE IN ASHY MATRIX.
 Ophitic feldspars + pyroxenes, with Qtz, chlorite + ilmenite.
 Protoquartzite, Qtz, feldspar + rock fragments.
 Note coarse crack infill and purple acid beds.
 Protoquartzite, note laminations (of dark ash?)
 ARKOSIC SANDSTONE > 5% feldspars
 Lots of shell debris, forams, crinoid ossicles
 Brachiopod - Bryozoa 'Reef' lot.
 Laminated, with large % micrite.
 Shows cleavage
 Massie sandstone with calcite and chlorite.
 Non-calcareous sandstone grading up to calcareous sandstone.
 Quartz veins
 Sparry calcite with occasional quartz grains.
 odd pod of calcite in sandstone
 peculiar silica replacement texture.
 odd forams.
 contains crystalline + fibrous gypsum
 contains 1/2b-1/3 foram fauna.
 algal laminate.
 Oligoclase crystals in altered matrix.
 Mostly 2° minerals.
 Slight chilling of margin of basic dyke.
 Base of coarser unit, may be some grading.
 Cleavage well developed.
 Sand grade.
 Quartz and calcite veins.
 Flattened vesicles
 Good dev. of vesicles

THIN SECTION	FIELD NO.	COLLECTOR	ROCK	LOCATION
P. 8268	156	C. Schaffaighy	Grey/green sandstone	South east of Coghane
P. 8269	831	"	Cataclastic rhyolite	North of Coghane
P. 8270	492	"	Altered rhyolite	Bennamore
P. 8271	167	"	Lithophysa	Coghane east
P. 8272	X138	"	Epiclastic tuff	Foilduane
P. 8273	497	"	Altered/Unaltered rhyolite	Bennamore
P. 8274	M	"	Rhyolite	South of Coghane
P. 8275	714	"	Brecciated rhyolite	S. of Bennamore
P. 8276	118	"	Banded rhyolite	East of Coghane, South ^{west} of Athynastooka
P. 8277	152	"	Cataclastic rhyolite	" " " " "
P. 8278	192	P. Lally	Andesite	Shangort, Tourmakeady North, Mo
P. 8279	89	"	Acid volcanoclastic deposit.	S. Derrindaffery
P. 8280	41	"	Crystal-lithic tuff.	"
P. 8281	317	"	Wackestone biomicrite.	Gortbrunacullin
P. 8282	216	"	Vent material	Shangort
P. 8283	207	"	Felsitic rhyolite	Stream G, Shangort
P. 8284	272	"	Felsitic quartz-porphyre	N. Gortbrunacullin
P. 8285	193	"	olivine dolerite Mica-felsite	Shangort
P. 8286	209	"	Olivine dolerite	Stream G, Shangort
P. 8287	583	P. Hardy	Spilite.	Nr. Bencoragh Peak
P. 8288	614	P. Hardy	Spilite grey wacke	N. Glen Tague
P. 8289		P. Hardy	Aquagene tuff.	"Two Stream" valley Nr Finny River.
P. 8290		P. Hardy	labradorite Porphyrite.	South of Bencoragh Peak
P. 8291		P. Hardy	Spilitic Agglomerate.	Finny River valley, south side
P. 8292	171	A. Williams	Med. Sandstone	East side Croughan Hill.
P. 8293	192	A. Williams	Fine green Sandstone	Croughan Hill
P. 8294	150B	A. Williams	coarse acid tuff	Leadside N th of KilmacThomas
P. 8295	150A	A. Williams	coarse acid tuff	Leadside N th of KilmacThomas
P. 8296		Declan O'Donell		
P. 8297		D. O'Donell		
P. 8298		D. O'Donell		
P. 8299		D. O'Donell		
P. 8300		D. O'Donell		

ROCK	LOCATION	REMARKS
green sandstone	South east of Coghane	volcanic clasts,
stei rhyolite	North of Coghane	Cataclastic textures parallel to laminations
rhyolite	Bennamore	microlaminations
pa	Coghane east	concentric and radial bands.
truff	Foilduane	mixed volcanic fragments
Unaltered rhyolite	Bennamore	contact with alteration zone
d rhyolite	South of Coghane	chlorite alteration
rhyolite	S. of Bennamore	brecciation
stei rhyolite	East of Coghane, South ^{west} of Athynastooka	coarse/fine laminations
esite	" " " "	disruption by cleavage
volcaniclastic deposit.	Shangort, Tourmakeady North, Mayo	Alteration
l-lithic truff.	S. Derrindaffdery	Total felsitisation, gritty texture.
estone biomicrite.	" "	Echinoderm plate
material	Gortbunacullin	flow-textured groundmass
ic rhyolite	Shangort	Xenoliths, phenocryst corrosion
ic quartz-porphyr	Stream G, Shangort	Corrosion & felsitization
delicate Mica-felsite	N. Gortbunacullin	Several alteration phases
e dolerite	Shangort	Typical ophitic texture.
e.	Stream G, Shangort	large amount of opaques.
lyre wacke	Nr. Bencoragh Peak	
gene truff.	N. Glen Tague	
rite Porphyrite.	"Two Stream" valley Nr Finny River.	dominantly shales.
ic Agglomerate.	South of Bencoragh Peak	large phenocrysts of labradorite in albite g. mass
ed. Sandstone	Finny River valley, south side	shattered texture.
ie green Sandstone	East side Crougham Hill.	
ase acid truff	Crougham Hill	
ase acid truff	Leadside N th of Kilnacthomas	altered by minor fault.
	Leadside N th of Kilnacthomas	unaltered.

Thin Section	Field No.	Collector	Rock	Location
P 8301		D. O' DRISCOLL		
P 8302		D. O' DRISCOLL		
P 8302		D. O' DRISCOLL		
P 8304		D. O' DRISCOLL		
P 83045		D. O' DRISCOLL		
P 8306	Loc. 218	Christopher Westrup	muscovite semi pelite	2725/220. Kilmilkin Co. Galway
P 8307		CRV Westrup	Chlorite semi pelite	220/275. Kilmilkin Co. Galway
P 8308	Loc. 10.	CRV Westrup	muscovite semi pelite	150/3475. Kilmilkin Co. Galway
P 8309	Loc. 22	CRV Westrup	semi pelite	1675/335 Kilmilkin Co. Galway
P 8310	Loc. 23.	CRV Westrup	muscovite pelite	175/3325 Kilmilkin Co. Galway
P 8311	155	Alison Carter	Coar Conglomerate	Corbair Co. Longford
P 8312	227		Sandstone	Dring Co. Longford
P 8313	226		Fine Sandstone &	Lough Dawson Co. Ca
P 8314	208		Limestone	Carrickduff Co. Longford
P 8315	234		Limestone	Dahystown Co. Longford
P 8316	175	Alison Carter	Limestone	Ballynacross Co. Longford
P 8317	004.	Fintan O'Driscoll	Calcareous Coarse Tuff	Trescowtham Stream (C)
P 8318	044 B.	Fintan O'Driscoll	Sandstone	On Salmon Road W of Tourmokean
P 8319	115.	Fintan O'Driscoll	Spilite	N of Gortanalding
P 8320	342.	Fintan O'Driscoll	Felsic 'Rhyolite'	N. of Gortanalding.
P 8321	029.	Fintan O'Driscoll	Lst Breccia	Near Smiths Bridge
P 8322	012.	Fintan O'Driscoll	Crystalline Tuff	Tourmokean by Nth
P 8323	174 B.	Fintan O'Driscoll	Lithic Tuff	Tourmokean by Nth
P 8324	091.	Fintan O'Driscoll	calcareous fine quartz Breccia	stream C near waterfall Tourmokean
P 8325	135.	Fintan O'Driscoll	Hornblende Lamprophyre	N of Gortanalding
P 8326	134.	Fintan O'Driscoll	Lithic (acid) Tuff	N of Gortanalding
P 8327	Loc 290	Dermot Hughes	Chloritoid semi-pelite	To E of L Eske, Co Donegal
P 8328	Loc 156	Dermot Hughes	Psammite	Near top of Edengole R., Co. Donegal
P 8329	Loc 179	Dermot Hughes	Dolomite (stained)	Clady R., Co Donegal
P 8330	Loc 179	Dermot Hughes	Dolomite (unstained)	Clady R., Co Donegal
P 8331	Loc 149	Dermot Hughes	Oolitic sandstone	To W of L. Eske, Co Donegal
P 8332	Loc 299	Dermot Hughes	pebbles - conglomerate	To E, of L. Eske, Co Donegal
P 8333	Loc 154	Dermot Hughes	Granite (Adamellite)	SW corner of Barnemore granite complex, Co

Rock

Location

Remarks

scavite semi pelite

ontie semi pelite

carte semi pelite

mi pelite

scavite pelite

Conglomerate

ndstone

e Sandstone &

estone

restone

restone

limestone Course Tuff

ndstone

pilit

the 'Rhyolite'

the Breccia

the Tuff

the Tuff

various fine quartz Breccia

noble Lamprophyre

(acid) Tuff

lenticular semi-pelite

ammit

lenticular (stained)

lenticular (unstained)

like sandstone

tra - conglomerate

anite (Adamellite)

2725/220. Kilmilkin Co. Galway

220/275. Kilmilkin Co. Galway

156/3475. Kilmilkin Co. Galway

1675/335 Kilmilkin Co. Galway

175/3325. Kilmilkin Co. Galway

Corbawn Co. Longford

Dring Co. Longford

Lough Dawan Co. Cavan

Carrickeliff Co. Longford

Dalystown Co. Longford

Ballynacross Co. Longford

Treenlaw Stream (C)

Do. Bohern Road W of Tourinchoady.

N of Gortacalding

N. of Gortacalding.

Near Smiths Bridge

Tourinchoady Nth

Tourinchoady Nth

Stream C near waterfall Tourinchoady.

N of Gortacalding

N of Gortacalding

To E of L. Eshe, Co Donegal

Near top of Edergole R., Co. Donegal

Clady R., Co. Donegal

Clady R., Co. Donegal

To W of L. Eshe, Co Donegal

To E, of L. Eshe, Co Donegal

SW corner of Barnemore granite complex, Co Donegal

Devon folding.

Chlorite alteration

Vesicles infilled with chlorite rims.
rich in gty and volcanic clasts. Fracture
sorted; subangular. Some muscovite.Iron rich: chlorite calcite, orthite, pyrochlore.
no micas... quartz feldspar etc. rock.

Corroded quartzes + Sanidine?

micrite grade calcite + chlorite + feldspar clasts

Assorted tuff. Calcareous matrix.

Very close - better to the felsitic Rhyolite.
note apparent mortar texture; calcite filled
dilatation cracks; texture due to some dyogenic event
possibly, tensional or loading event.

Course grained. H/B rock.

medium grained: massive foliation
fragments

No indication of cleavage

Angular quartz grains & bioclasts in micritic matrix

Sub-rounded clasts of psammite in psammite matrix

Highly leucocratic

Thin Section	Field No	Collector	Rock
P 8334	loc 286	Dermot Hughes	Prasinite
P 8335	loc 190	Dermot Hughes	Bioheratic muddy limestone
P 8336	loc 310	Dermot Hughes	Quartz Basalt
P 8337	685	Pete Johnson	grey wacke sandstone
P 8338	144	Pete Johnson	albic trachyte
P 8339	384	Pete Johnson	ash fall tuff
P 8340	349	R.M. Rayburn	Labradorite Porphyrite
P 8341	297	"	Basalt Porphyry
P 8342	296	"	Spill lava
P 8343	103	"	Andesite (quartz lath)
P 8344		J. McNeill	Limestone Breccia
P 8345		J. McNeill	Dyke Rock
P 8346		J. McNeill	crystal lithic tuff
P 8347		J. McNeill	Teschenite dyke
P 8348		E. IDIZ	Calcareous basic tuff
P 8349		E. IDIZ	crystal lithic tuff (Rhyolitic)
P 8350		E. IDIZ	Calcareous tuffaceous silt
P 8351		E. IDIZ	crystal-lithic tuff (Rhyolitic)
P 8352		E. IDIZ	crystal-vitric tuff (Rhyolitic)
P 8353(a+b)		E. IDIZ	Augite-Dolerite
P 8354		E. F. IDIZ	vitric acid tuff (sillar-type ash flow)
P 8355(a+b)		E. IDIZ	vitric acid tuff (" " ")
P 8356		E. IDIZ	crystal vitric lithic tuff
P 8357		E. IDIZ	vitric tuff (Rhyolitic)
P 8358	344	R.M. RAYBURN	ASH-FALL DEBRIS
P 8359		J. KINSELLA	DOLERITE (from sill intrusion)
P 8360		J. KINSELLA	Ash Flow Tuff.
P 8361		J. KINSELLA	Base of sillar ash deposit.
P 8362		J. KINSELLA	ASH Flow Tuff.
P 8363		J. KINSELLA	Sandstone
P 8364		J. KINSELLA	Accretionary - lapilli Tuff.
P 8365		J. KINSELLA	Ash Flow Tuff
P 8366		J. KINSELLA	Ash Flow Tuff

Location
To E of L. Eske, Co Donegal
Top of Clady River section, Co Donegal
Dyke to E of L. Eske, Co Donegal
Clonea Co. Waterford
Caneyduff Canoyl Mts Co Waterford
Changtann Hill Co. Waterford
South of Keshillside (055 142)
North of " (110 071)
" (097 083)
North shore of Keshillside Bay. (140209)
Rosroe Peninsula, Co. Galway.
Saltrock Formation Co. Galway
Rosroe Peninsula Co. Galway
Benechoona Co. Galway
BEDDED PYROCLASTIC FM., DOWNHIDEAN - NW
LOWER RHYOLITE TUFF FM - "
BEDDED PYROCLASTIC FM - "
LOWER RHYOLITE TUFF FM. - "
LOWER RHYOLITE TUFF FM. - "
DOWNHIDEAN - NW WALES
LOWER RHYOLITE TUFF FM - "
LOWER RHYOLITE TUFF FM - "
UPPER RHYOLITE TUFF FM - "
LOWER RHYOLITE TUFF FM - "
A KNOCKILBRIDE MEMBER
EAST of KNOCKILBRIDE, KILBRIDE PEN., CO. M.
Capel Curig
Mael Siabod mountain east of L. My.
Capel Curig Gwynedd. North side
Side of Racks Tuff member Capel Curig, N. Wales
Garth Tuff Body west of Garth Farm.
Racks Tuff M. Capel Curig N. Wales
Capel Curig N. Wales
Racks SST. MBR, South of L. My. N. Wales
Capel Curig N. Wales
Dyffryn Mynbyr MBR. Dyffryn Fawr
Capel Curig
Racks Tuff MBR. South side L. My.
Dyffryn Mynbyr MBR. Capel Curig, N. Wales.

Rock	Location	Remarks
amnite	To E of L. Eske, Co Donegal	Remarkably "clean"
clastic sandy limestone	Top of Clady River section, Co Donegal	Presence of thick walled brachiopods & Kaninichapora sp.
salt	Dyke to E of L. Eske, Co Donegal	
greywacke sandstone	Clonea Co. Waterford	
albite trachyte	Canigduff, Comeragh Mts Co. Waterford	
ast fall tuff	Cranghanna Hill Co. Waterford	
labradorite Porphyry	South of Knockilbride (055 142), ^{Hillside} Co. Mayo	
ark Porphyry	North of " (110 071), "	
white lava	" (097083), "	
lucina (quartz-biotite)	North shore of Kilbride Bay, (140269) "	
stone Breccia	Rosroe Peninsula, Co. Galway.	Complex diagenetic history.
ee Rock	Salsrock Formation Co. Galway	
crystal lithic tuff	Rosroe Peninsula Co. Galway	presence of fresh angular clasts.
schelite dyke	Benchoona Co. Galway	Fresh and unaltered
aceous basic tuff	BEDDED PYROCLASTIC FM., DOLWYDDELAN - NTH WALES	Extremely carbonated & chloritized
tal lithic tuff (Rhyolitic)	LOWER RHYOLITE TUFF FM - " "	Euhedral albite crystals & good shorls
aceous tuffaceous silt	BEDDED PYROCLASTIC FM - " "	
tal-lithic tuff (Rhyolitic)	LOWER RHYOLITE TUFF FM. - " "	
tal-vitric tuff (Rhyolitic)	LOWER RHYOLITE TUFF FM. - " "	Note shorls
te-Dolerite	DOLWYDDELAN - NTH WALES	Note inclusions of iron ore (ilmenite)
- acid tuff (sillar-type ash flow)	LOWER RHYOLITE TUFF FM - " "	Slightly deformed, well preserved shorls
ic acid tuff (" " ")	LOWER RHYOLITE TUFF FM - " "	Ditto
tal vitric lithic tuff	UPPER RHYOLITE TUFF FM - " "	large fragments of black mudstone
ic tuff (Rhyolitic)	LOWER RHYOLITE TUFF FM - " "	finely fine ash with grading base
EAU DEBRIS	* KNOCKILBRIDE MEMBER EAST of KNOCKILBRIDE, KILBRIDE PEN., CO. MAYO Carol Craig.	interbedded with chert (lenses)
LERITE (from sill intrusion)	Moel Siabod mountain east of L. Mynydd Carol Craig, Gwynedd. North of Lake of Racks Tuff member Carol Craig, N. Wales.	Highly altered, albitised & chloritised
Flow Tuff.	Gareth Tuff Body west of Gareth farm.	Has appearance sim to waterford Rhyolite
of sillar ash deposit.	Racks Tuff Mbdapel Craig N. Wales Carol Craig N. Wales.	Later dfm. resulted in { differential sep. } of var. lithologies
Flow Tuff.	Racks SST. MBR, South of L. Mynydd Carol Craig N. Wales.	
ndstone	Dyffryn Mynydd MBR. Dyffryn farm. Carol Craig.	medium grd, chlorite / epidote cement.
etionary - lapilli Tuff.	Racks Tuff MBR. South side L. Mynydd	well-developed acc. lapilli orientation
Flow Tuff	Dyffryn Mynydd MBR. Carol Craig, N. Wales.	Good flow lamination.
Flow Tuff		

THIN SECTION	FIELD NO	COLLECTOR	Rock	LOCATION
P8367.		J. KINSALLA	carbonaceous ash flow tuff	Flas-y-Breen Top of Gaetk Tuff
P8368		J. KINSALLA	ash flow tuff,	Rackes Tuff N. of Lakes.
P8369	170	S. ROBINSON	Hornblende schist	East of Fough eske, Co. Donegal
P8370	193	S. ROBINSON	Calcite muscovite schist	South of Fahria Fough, nr. Fough eske.
P8371	AB 15 B : 292	S. ROBINSON	Bornicite	near near at Deumerry Lue
P8372	289 A	S. ROBINSON	Highly altered porphy rock	Quarry on road from Ballybofey to Donag
P8373	289 B	S. ROBINSON	" " " "	after Bannamore School.
P8374	141	S. ROBINSON	Muscovite schist	200m N. of Clogher River, Co. Donegal
P8375	118	N. Monaghan	Appinite	50m E of Main Rd S. of Creggan Bawn
P8376	138	N. Monaghan	Slate / Acid dyke contact	Roadside of Kileen Road, Creggan Bawn
P8377	140	N. Monaghan	Cordierite slate	100m NNW of Post Office, Creggan Bawn
P8378	146	N. Monaghan	Granite [Corveck Granite]	Behind National School, Creggan Bawn
P8379	187	N. Monaghan	Quartzite [Creggan Bawn Gp.]	
P8380	198	N. Monaghan	Acid dyke (Microgranite)	
P8381	260	N. Monaghan	Acid Tuff (Band "2")	
P8382	246	N. Monaghan	Acid Tuff (Band "5")	
P8383	261	N. Monaghan	Acid Tuff (Band "3")	
P8384	293	N. Monaghan	Acid Tuff (Band "4")	
P8385	5	Eoin Rothney	Green sst; Good zircon, folded zeolite/calcite veins.	V813 401 Carravilleen, Killeen South, Sheeps Head
P8386	6	Eoin Rothney	Green sst, labradorite	V814 400 Carravilleen, Killeen South
P8387	7	Eoin Rothney	Green sst, small grain size	V825 370 Carravilleen, Killeen South
P8388	8	Eoin Rothney	Purple Green sst. Good fabric	V759 348 Ballyvaughan
P8389	9	Eoin Rothney	Purple sst. Bedding clear, lots of calcite	V761 367 Gortavally
P8390	4	Eoin Rothney	Green sst. largest grain size	V816 405 Carravilleen
P8391	1	Eoin Rothney	Green sst. Chlorite.	V807 384 Killeen South
P8392	2	Eoin Rothney	Calcareous lens in green sst: porous calcite/Qtz sst.	V837 322 Gortavally
P8393	3	Eoin Rothney	Cornstone. Good muscovite cleavage, flattened 'clasts'	V740 337 Ballyvaughan
P8394	L. 430	Bolin McAllenan	quartzite [Sheave Toney Quartzite]	Glencolumbkille Co. F.
P8395	L. 474	Bolin McAllenan	chloritic schist [Killyfarned Schist]	"
P8396	L. 545	Bolin McAllenan	quartzite matrix [Upper Boulder Bed]	"
P8397	L. 262	Bolin McAllenan	calcareous semi-pelite matrix [Lower Boulder Bed]	"
P8398	L. 226	Bolin McAllenan	volcanic mantle [Glencolumbkille Dolomite]	"
P8399	L. 251	Bolin McAllenan	g-nica schist [Glencolumbkille Schist]	"

Rock	Location	Remarks
carbonaceous ash flow tuff	Flasy-Breen Top of Gortk Tuff	Heavily altered, note weathered rim
sh flow tuff,	Racks Tuff N. of Lakes	Field Specimen is flow-banded.
blende schist	East of Fough eske, W. Donegal	
elite muscovite schist	South of Faghia Fough, ne. Fough eske.	
onnicite	Blaine man Blaine Drumenny Luch.	Contains some ostracods
lightly altered psitic rock	Quarry on road from Ballybofey to Donegal,	Occasional large feldspar phenocrysts.
" " " "	after Baresmore School.	
muscovite schist	200m N. of Clogher River, W. Donegal	folded quartz vein
Appinite	50m E of Main Rd S. of Cregganbaun	
Slate / Acid dyke contact	Roadside of Kileen Road, Cregganbaun.	
Tordierite slate	100m NNW of Post Office, Cregganbaun.	150m from granite contact
Granite [Corrock Granite]	Behind National School, Cregganbaun.	
Quartzite [Cregganbaun Gp.]		limonite, euhedral pyrite
Acid dyke (Microgranite)		
Acid Tuff (Band "2")		
Acid Tuff (Band "5")		
Acid Tuff (Band "3")		
Acid Tuff (Band "4")		
green sst, good zircon, folded zeolite/calcite veins.	V813 401 Carravilleen, Kileen South, Sheeps Head, Cork	low in Toe Head Formation
green sst, labradorite	V814 400 Carravilleen, Kileen South, Sheeps Head, Cork	High O.R.S.
green sst, small grain size	V825 370 Carravilleen, Kileen South, Sheeps Head, Cork	Old Head sandstone
Purple green sst. Good fabric	V759 348 Ballyieagh,	O.R.S.
teph sst. Bedding clear, lots of calcite	V761 367 Gortavally,	Purple sst in Toe Head Formation
green sst. largest grain size	V816 495 Carravilleen,	Carravilleen High in Toe Head Fm.
green sst. Chlorite.	V807 384 Kileen South,	low in O.R.S.
carbonaceous lens in green sst. porous calcite/qtz sst.	V837 322 Carravilleen ^{Gortavally}	Calc. pod low in O.R.S.
granite. Good muscovite cleavage, flattened "clasts"	V740 337 Ballyieagh,	Low O.R.S.
quartzite [Shave Toney Quartzite]	Glencolumbkille Co. Donegal	
chloritic schist [Killyfanned schist]	"	
quartzite matrix [Upper Boulder Bed]	"	
carbonaceous semi-pelite matrix [Lower Boulder Bed]	"	
clonitic marble [Glencolumbkille dolomite]	"	
g-mica schist [Glencolumbkille schist]	"	

Thin Section	Field No.	Collector	Rock	Location
P 8400	L123	Bolin McAlleenan	marble [Skolpoonagh Bay LST.]	Glenacolumbkille Co. D.
P 8401	L 359	Bolin McAlleenan	pelitic schist [Glenacolumbkille Pelite]	
P 8402	L123.	Bolin McAlleenan	amphibolite	
P 8403	L104. (N. Central)	Bolin McAlleenan	acid dyke (porphyritic microgranite)	
P 8404	103	Maurice Curry	Purple laminated medium sandstone.	North East Kerry Head
P 8405	170	Maurice Curry	Brown fine - medium sandstone	North East Kerry Head
P 8406	184(A)	Maurice Curry	Mud flake conglomerate	North East Kerry Head
P 8407	184 (B)	Maurice Curry	Coarse sandstone	North East Kerry Head
P 8408	194	Maurice Curry	Cornstone unit	North East Kerry Head
P 8409	141	Maurice Curry	Heterolithic, sandstone - shale	North East Kerry Head
P 8410	141-26	Maurice Curry	Calcareous	North East Kerry Head
P 8411	195 6" GRID REF 069509	Maurice Curry.	Quartzitic sandstone	North East Kerry Head.
P 8412	069509 (340)	Declan Sheeran.	Andalusite Mica schist	Fanad Co. Donegal.
P 8413	154 386 (294)	Declan Sheeran	Semi - Pelite	Fanad Co. Donegal
P 8414	154 386 (294)	Declan Sheeran	Semi - Pelite	Fanad Co. Donegal.
P 8415	052 556 (194)	Declan Sheeran	Semi - Pelite	Fanad Co. Donegal.
P 8416	161315 (305)	Declan Sheeran	Graphitic semi - pelite	Fanad Co. Donegal
P 8417	018482 (350)	Declan Sheeran	Chloritic semi - pelite	Fanad Co. Donegal.
P 8418	052549 (345)	Declan Sheeran	Andalusite semi - pelite	Fanad Co. Donegal.
P 8419	161315 (305)	Declan Sheeran	Graphitic semi - pelite	Fanad Co. Donegal
P 8420	092 454 (100)	Declan Sheeran	Garnetiferous amphibolite	Fanad Co. Donegal
P 8421	109 605 (344)	Declan Sheeran	Sillimanite Sillimanite semi - pelite	Fanad Co. Donegal
P 8422	1 (557)	Dónal Windrim	Muscovite semi pelite.	Crohy Head, Co. Donegal
P 8423	2 (417)	Dónal Windrim	Sillimanite / talc hornfels.	Crohy Head, Co. Donegal
P 8424	3 (784)	Dónal Windrim	Biotite pelite / adamellite contact	Crohy Head, Co. Donegal
P 8425	4 (867)	Dónal Windrim	Muscovite / biotite pelite.	Crohy Head, Co. Donegal
P 8426	5 (866)	Dónal Windrim	Serpentine marble.	Crohy Head, Co. Donegal
P 8427	6 (790)	Dónal Windrim	Microcline / biotite gneiss.	Crohy Head, Co. Donegal
P 8428	7 (865)	Dónal Windrim	Adamellite + biotite.	Crohy Head, Co. Donegal
P 8429	8 (864)	Dónal Windrim	Biotite granodiorite.	Crohy Head, Co. Donegal
P 8430	9 (810)	Dónal Windrim	Biotite semipelite.	Crohy Head, Co. Donegal
P 8431	10 (810).	Dónal Windrim.	Biotite semipelite.	Crohy Head, Co. Donegal
P 8432				

Rock	Location	Remarks
ble	[Skolpoonaigh Bay Lst.]	
ic schist	[Glencolumbkille Pelite]	
plagioclite		
dyke (porphyritic microgranite)		
ple laminated medium sandstone	North East Kerry Head	
own fine-medium sandstone	North East Kerry Head	Alternating fine-medium grain size
nd flake conglomerate	North East Kerry Head	
arse sandstone	North East Kerry Head	
ornstone unit	North East Kerry Head	
terdithic, sandstone-shale	North East Kerry Head	Shale flaggers.
alcarenite	North East Kerry Head	
Quartzitic sandstone	North East Kerry Head.	Shale flaggers.
Andalusite Mica schist	Fanad Co Donegal.	
Semi-Pelite	Fanad Co Donegal	F ₂ fold closure?
Semi-Pelite	Fanad Co Donegal.	F ₂ fold closure!
Semi-Pelite	Fanad Co Donegal.	F ₁ fold closure!
Graphitic semi-pelite	Fanad Co Donegal	F ₁ fold closure!
Chloritic semi-pelite	Fanad Co Donegal.	F ₁ fold closure opening??
Andalusite semi-pelite	Fanad Co Donegal.	F ₂ fold closure!
Graphitic semi-pelite	Fanad Co Donegal	F ₁ fold closure?
Jarvisian amphibolite	Fanad Co Donegal	
Sillimanite Sillimanite semi-pelite	Fanad Co Donegal	30 m from granite contact!
Muscovite semi pelite.	Croghy Head, Co. Donegal	Relict S ₂ !
Sillimanite / talc hornfels.	Croghy Head, Co. Donegal	Plenty of graphite!
Biotite pelite / adamellite contact	Croghy Head, Co. Donegal	Trawenagh Bay Pluton, pelite!
Muscovite / biotite pelite.	Croghy Head, Co. Donegal	Hornfelsed S ₂ in F ₃ closure!
Serpentine marble.	Croghy Head, Co. Donegal	More pure than is usual!
Microcline / biotite gneiss.	Croghy Head, Co. Donegal	? Partial melt? Segregation in pelite!
Adamellite + biotite.	Croghy Head, Co. Donegal	Trawenagh Bay Pluton, muscovite facies!
Biotite granodiorite.	Croghy Head, Co. Donegal	Thorr Pluton, late chlorites!
Biotite semipelite.	Croghy Head, Co. Donegal	Hornfelsed S ₂ folded by F ₄ !
Biotite semipelite.	Croghy Head, Co. Donegal.	Hornfelsed S ₂ folded by F ₃ !

Thin Section	Field No.	Collector	Rock	Location
P 8433	636	Barbara Tracey	lanprophyre	Assacevagh, Oughterard Co. Gal
P. 8434	610	Barbara Tracey	lanprophyre	Shanballymore Oughterard. Co. Gal
P. 8435	365B	Barbara Tracey	metadiorite, North of BM 357.0	Sp. of Lough Seeson Oughterard Co. Gal
P. 8436	126	Barbara Tracey	adanellite granite	N. of Glencount BM 164.1 Oughterard
P. 8437	412	Barbara Tracey	adanellite "	S.W. of E. legowla Br. Oughterard
P. 8438	507	Barbara Tracey	adanellite granite	South of Slievenairnagh Oughterard
P. 8439	196C	Barbara Tracey	Sandy lst. Oughterard Fm.	N. bank of Owenriff R. 10m E. of bridge
P. 8440	165	Barbara Tracey	crystalline lst. "	lakeshore 890 metres South East of
P. 8441	236.	Barbara Tracey	Biosparite Andvaga Fm.	lts behind Cregg Hse. E of Union W.
P. 8442.	220 A	Barbara Tracey	" "	N. of Ballymore Oughterard Co. Gal
P. 8443	1	Richard M ^c Cormack	Cordierite Hornfels	Cloney Hill, Portlaoise. Co. Donegal
P. 8444	2	Richard M ^c Cormack	Staurolite-granet-andalusite Pelite	Lough Lough, Portlaoise. Co. Donegal
P. 8445	3	Richard M ^c Cormack	Muscovite-Biotite Hornfels	Cloney Hill, Portlaoise. Co. Donegal
P. 8446	4	Richard M ^c Cormack	Biotite-Muscovite Pelite	Scattamney, Portlaoise. Co. Donegal
P. 8447	5	Richard M ^c Cormack	Granet-Biotite Lanprophyre (contact metam.)	S.E. of Raven Hill, Portlaoise. Co. Donegal
P. 8448	6	Richard M ^c Cormack	Intrusive Breccia	W. of Sand Hills, Portlaoise. Co. Donegal
P. 8449	7	Richard M ^c Cormack	Gyroxene-granet-Biotite Quartz Diorite	Lummy Lough, Portlaoise. Co. Donegal
P. 8450	8	Richard M ^c Cormack	Metadiorite (dy. 2nd)	Lummy, Portlaoise. Co. Donegal
P. 8451	9	Richard M ^c Cormack	Quartzite Affinite	Robertson's School, Portlaoise. Co. Donegal
P. 8452	10	Richard M ^c Cormack	Granitic Metadiorite (Rorby type)	S.W. of Eden Hse., Portlaoise. Co. Donegal
P. 8453	11	Richard M ^c Cormack	Quartzite Affinite	Dunmore Head, Portlaoise. Co. Donegal
P 8454	185	Quentin Gormley	Fossiliferous nodule	Slab band 1, S. of Tankachachua S.W. of
P 8455	198E	" "	Oliver dolomite lgk. (outside)	W. Scardiff, near Dargity Td. Co. Mayo
P 8456.	364	" "	" " "	Tankachachua Pt, Lacksachua Td. Co. Mayo
P 8457	198C	" "	" " " (centre)	W. Scardiff, Dargity Td. Co. Mayo
P 8458.	105B	" "	Top band (here)	Dunmore, Uggool Td Co. Mayo
P 8459	105M.	" "	" " (middle)	" " " Co. Mayo
P 8460	105 Top.	" "	" " (Top)	" " " Co. Mayo
P 8461	291	" "	Top band here	N. of Tankachachua Co. Mayo
P 8462	394	" "	Top band.	S. of Grogann lough, Co. Mayo
P 8463	—	Oscar Sheeran	Pyroxenite	Coast E of Ballykeerin lower. Toned, Co. Mayo
P 8464	196C	B. Tracey	Sandy lst. Oughterard Fm	N. bank of Owenriff R. Oughterard
P 8465	360	Paul Nelson	Chert pelite with (granulite 2m.)	N. of Glen Bay Glenamaddy Co. Mayo

Rock	Location	Remarks
Amphiphyse	Assacevagh, Oughterard Co. Galway	
Amphiphyse	Shanballymore Oughterard Co. Galway	
Metadiorite, North of BM 357.0, SW of Tough Seecon	Oughterard Co. Galway	dark facies O. granite near amphibolite
Andellite, granite	N. of Claxemount BM 164.1 Oughterard	very deformed granite.
Andellite "	S.W. of E.legowla Br. Oughterard	granite intrusion near the marble
Andellite granite	South of Slievenavinnage Oughterard	from the midst of Oughterard granite
Andy Ist. Oughterard Fm.	N. bank of Owenriff R. 10m E. of bridge - O. village.	Irish Visian Fossils assemblage
Crystalline Ist. "	lakeshore 890 metres South East of the Pier Road, almost completely colonitised	
Diopside and quartz Fm.	Ists behind Cregg Hse. E of Union Works.	
"	N. of Ballymore Oughterard Co. Galway.	
Diopside Hornfels	Cloney Hill, Portlaoise. Co. Donegal	Flattened cordierite Sg.
Granite - Garnet - Andalusite Pelite	Round Lough, Portlaoise. Co. Donegal	Diopside around Appinite intrusion
Garnet - Biotite Hornfels	Cloney Hill, Portlaoise. Co. Donegal	New Muscovite + sillimanite?
Garnet - Muscovite Pelite	Scollatamney, Portlaoise. Co. Donegal	S ₁ , S ₂ + S ₄ (strain-slip cleavage)
Garnet - Biotite Amphiphyse (contact metam.)	S.E. of Raven Hill, Portlaoise. Co. Donegal	Highly altered felspar.
Intensive Breccia	W. of Sand Hills, Portlaoise. Co. Donegal	Biotite. Calcite after garnet
Garnet - Garnet - Biotite Quartz Diopside	Summy Lough, Portlaoise. Co. Donegal	Thermally metam. lvs. Biot. Qtz. Diopside.
Metadiorite (Gy. Hse.)	Summy, Portlaoise. Co. Donegal	Granite-imposed fabric in metadiorite (Anorthite)
Quartz Appinite	Robertson's School, Portlaoise. Co. Donegal	Medium-grained.
Amphiphyse Metadiorite (Rosbeg type)	S.W. of Eden Hse., Portlaoise. Co. Donegal	Calcite, garnet, some quartz
Quartz Appinite	Dunmore Head, Portlaoise. Co. Donegal	Serpentine, plagioclase in Biotites.
Fossiliferous nodules	Slake band 1, S. of Tachibachochia, S.W. of Rosbeg, Co. Mayo	Cephalopod, Brachiopod + Gastropod hash.
Blue dolomite (outside)	W. Scardiff, near Rosbeg, Co. Mayo	Felspar + Amphibolite
" " "	Tachibachochia, Lachabachochia, Co. Mayo	Felspar
" " " (centre)	W. Scardiff, Rosbeg, Co. Mayo	
Top band (base)	Dunmore, Uggool TD, Co. Mayo	Lithics present. Quarries cracked.
" " (middle)	" " " Co. Mayo	
" " (top)	" " " Co. Mayo	Very fine particles.
Top band base	N. of Tachibachochia, Co. Mayo	Unbroken.
Top band	S. of Grogan Lough, Co. Mayo	
Psammite	Coast E of Ballykeerin lower, Donegal, Co. Donegal	Is folding S ₂ S ₃ overprinted by S ₄ .
Andy Ist. Oughterard Fm. (Glenamaddy Fm.)	N. bank of Owenriff R. Oughterard Co. Donegal	sulphur pegs.
Andy Ist. Oughterard Fm. (Glenamaddy Fm.)	N. of Egan Bay, Glenamaddy Co. Donegal	Granite partially retrogressed to chlorite overprinted by S ₂

Thin Section	Field No.	Collector	Rock	Location
P8466	4	Paul Nelson	marble (Shelfmough Bay Grt)	Shelfmough Bay, Glenumbello
P8467	101	Paul Nelson	semifelsite brecciated (Egan Hard schist)	N. central side of Glenumbello road
P8468	156	Paul Nelson	marble (Glenumbello)	N. central side of Glenumbello road
P8469	148	Paul Nelson	Lower feldspathic matrix (semifelsite)	N. central side of Glenumbello road
P8470	119	Paul Nelson	Upper feldspathic matrix (psammite)	N. central side of Glenumbello road
P8471	5	Paul Nelson	amphibolite (Believe Tully dyke)	W. Craigbegun cliff Glenumbello
P8472	181	Paul Nelson	metabasalt	N. central side of Glenumbello road
P8473	203	Paul Nelson	acid dyke (amphibolite)	N. central side of Glenumbello road
P8474	5	Paul Nelson	amphibolite breccia (fault)	Craigbegun main gully.
P8475	152	John Coffey	Fine quartzite st + mica	Brookfield Creek
P8476		David Robb	Top of tuff band	Killadoon co. Mayo.
P8477		David Robb	base of " "	" "
P8478	325	David Robb	Top " "	" "
P8479	325	David Robb	base " "	" "
P8480		David Robb	Top " "	" "
P8481		David Robb	base " "	" "
P8482	135	David Robb	Fine grained turbidite	" "
P8483	265	David Robb	Fine grained turbidite	" "
P8484	109	David Robb	graded turbidite	" "
P8485	223	David Robb	fine quartzite and slate	" "
P8486A	S100	John Conway	Cleaved red silt, with concretion	Goats Bridge, near Kilgaw
P8486B	S100	John Conway	Cleaved red silt (Kilgawan Fm.)	Goats Bridge, near Kilgaw
P8487	S101	John Conway	purple silt (Kilgawan Fm.)	North of Ardully, near Kilgaw
P8488	S102	John Conway	greenish sandstone	Poulcamlon, Kilgawan
P8489	S103	John Conway	Dark grey silt (Poulcamlon Fm.)	Kilgawan Power Stat
P8490	S104	John Conway	Calcareous, (Coontoo Fm.)	" "
P8491	S105	John Conway	Roughly Red Marble (Coontoo Fm.)	Coontoo Quarry.
P8492	S106	John Conway	Chert. (Roughly Chert Fm.)	Kilgawan Church.
P8493A	S107	John Conway	Ardully limestone	Kilgawan Church.
P8493B	S108	John Conway	Ardully limestone	" "
P8494	90	Brigitte O'Brien	Andesite lava flow.	Seen near the Finny river where the Benicorra
P8495	360	Brigitte O'Brien	Albite Trachyte flow.	seen on Mt slope to the south of Benicorra R.
P8496	320	Brigitte O'Brien	Spilitized Tholeiite	Benicorra Fm.

Rock	Location	Remarks
marble (Shelfmough Bay Est)	Shelfmough Bay, Glendunbilla	pure calcite marble >80%
marble like (after Hard schist)	N central side of Glendunbilla valley	poor calcite, hard section.
marble (Glendunbilla)	N central side of Glendunbilla valley	small calcite grains
marble matrix (marble)	N central side of Glendunbilla valley	granitic crust. Very poor calcite
marble matrix (marble)	N central side of Glendunbilla valley	poor calcite
marble (Believe they are)	W Glendunbilla cliff	97% calcite
marble	N central side of Glendunbilla valley	calcite / butite sandstone
marble (County Kerry)	N central side of Glendunbilla valley	section too thin (yellow qtz) calcite
marble breccia (fault)	Glendunbilla river gully.	Striated quartzites lined up
fine quartzite at base	Booked Creek	
Top of tuff band	Killadoon co. Mayo.	
base of " "	" "	
Top " "	" "	
base " "	" "	
Top " "	" "	
base " "	" "	
fine grained turbidite	" "	facies C. (Walker + Muttli 1973)
fine grained turbidite	" "	facies D.
graded turbidite	" "	facies C
fine quartzite and slate	" "	
cleaved red silt, with concretion	Goats Bridge, near Kilgawan	Nicely developed concretion present.
cleaved red silt (Kilgawan Fm)	Goats Bridge, near Kilgawan.	Iron oxide staining
purple silt (Kilgawan Fm)	North of Ardully, near Kilgawan	green / grey medium grained silt.
greenish sandstone	Poulcamlon, Kilgawan.	Elaser bedding present.
dark grey silt (Poulcamlon Fm)	Kilgawan Power Station	Mainly composed of echinoderm debris.
calcareous (Coontoo Fm)	" "	Coloring due to haematite.
roughly Red Marble (Coontoo Fm)	Coontoo Quarry.	Calcite rhombohedra in siliceous groundmass
Chert (Roughly Chert Fm)	Kilgawan Church.	Fine grained recrystallized ls.
Ardully limestone.	Kilgawan Church.	Fine grained recrystallized limestone
Ardully limestone.		
basaltic lava flow.	seen near the Furry river where the Bencoragh St enters it.	Fine grained rock showing spherulites.
basaltic Trachyte flow.	seen on Mt slope to the south of Bencoragh Ridge	Shows spectacular cooling cracks (macro scale) rock is fine grained
metamorphosed Tholeiite	Bencoragh Fm.	This rock shows phenocrysts of calcite and epidote + chlorite.

Thin Section	FIELD No.	COLLECTOR	ROCK	LOCATION
P8497	790	Brigitte O'Brien	Non vesicular spilitite	Bencorraght Mt.
P8498	270	Brigitte O'Brien	green subarkoses. Lettergesh Fm.	Kilbride Bay - the inlet of L. Mask.
P8499	70	Brigitte O'Brien	dolerite.	This is in the bottom of two stream valley
P8500	60	Brigitte O'Brien	andesite flow weathered.	seen near the Furry river. T
P8501	330	Brigitte O'Brien	conglomerate from the Rossroe Fm.	Cliff face to the south of the southern shore
P8502	480	Brigitte O'Brien	Fossil of Porites from the Kilbride Fm.	Dris village
P8503	610	Brigitte O'Brien	Andesitic flow.	seen at waterfall at the top of two stream valley
P8504	3	Gregory Hughes	Poorly cleaved, purple, medium grained st.	Kennmare Fm. S Flank of Dyak
P8505	4	Gregory Hughes	Well cleaved, purple siltstone.	Kennmare Fm. " " "
P8506	2A	Gregory Hughes	Fine grained quartzose st.	Kennmare Fm. " " "
P8507	2	Gregory Hughes	Laminated siltstone.	Gastagan Fm. (Roughly Bridge)
P8508	2	Gregory Hughes	Grey (pinkish) siltstone.	Roughly Bridge Fm.
P8508	5A	Greg. Hughes	Red calcarenites	Clady Fm.
P8510	7	Greg. Hughes	Limestone slats	" "
P8511	1	Greg. Hughes	Poorly crystallized st.	Killaween Fm.
P8512	6	Greg. Hughes	Grey calcarenites	Kennmare Fm.
P8513	211	David Doyle	conglomerate showing boundary of granitic cobble with sandy calcareous matrix	On road c 4km West of Heenane Co. Kerry
P8514		David Doyle	Coarse grained greywacke	North slope of Letterkhanbally Co. Kerry
P8515	359	David Doyle	Red siltstone	South slope of Letterkhanbally
P8516	150	Joe Ahearn	Red Coarse Sandstone	Kilmarney Bay, Dingle peninsula, Co. Kerry
P8517	115	Joe Ahearn	Green/white medium grained sandstone	Mizard Head, Dingle peninsula, Co. Kerry
P8518	109	Joe Ahearn	Fine red purple sandstone	Top of Mizard Head, Dingle peninsula, Co. Kerry
P8519	101	Joe Ahearn	Coarse Brachia with fine tuff	Mizard Bay, Dingle peninsula Co. Kerry
P8520	near Dan's House	Joe Ahearn	fine red/purple agglomerate	Ardsin, Dingle peninsula Co. Kerry
P8521	141.	Joe Ahearn	Medium to coarse sandstone (arenaceous)	Kilmarney Bay, Dingle peninsula, Co. Kerry
P8522	141.	Joe Ahearn	medium to coarse sandstone. " "	Kilmarney Bay, Dingle peninsula, Co. Kerry
P8523	Loc. 234	Kevin Quinn	coarse detrital calcarenite	West Meadow Bay, Muckross Killarney
P8524	Loc. 104	Kevin Quinn	Mudbank limestone, strongly recrystallized.	Killbeg Bay, Muckross, Killarney, Co. Kerry
P8525	Loc. 293	Kevin Quinn	Coarse pebbly sandstone	Sheehy's Mt. Muckross Killarney
P8526	Loc. 122	Kevin Quinn	FINE-MEDIUM sandstone with mud flakes.	Carillon Wood Fr. Muckross Killarney

ROCK	LOCATION	REMARKS
Non vesicular spilitite green subarkoses. Lettergesh Fm. dolerite. andesite flow weathered. Conglomerate from the Rossree Fm. Fossil g Porites from the Kelbride Fm. Andesitic flow.	Bencorraght Mt. Kelbride Bay - the inlet of L. Mask. This is in the bottom of two stream valley. seen near the Furry river. T Cliff face to the south of the southern shore of L. H. H. Bay. Dris village Seen at waterfall at the top of two stream valley	This rock is associated with chert in the field + forms pillows. This rock has numerous red chert grains in it. This is taken in a deposit of about 60 x 30 m. It is often purple or green and shows spherulites. This is the matrix + is volcanic in origin. The rocks are highly fossiliferous + corals are common. This rock is highly weathered. The staining is due to haematite.
Poorly cleaved, purple, medium grained st. Well cleaved, purple siltstone. Fine grained quartzose st. Laminated siltstone. Grey (silty) siltstone. Red calcarenites Limestone slts.	Kemmare Fm. S Flank of syncline. Kermare Fm. " " " " Kemmare Fm. " " " " Gastagan Fm. (Roughty Bridge). Roughty Bridge Fm. Cleady Fm. " " " " Killaween Fm. Kemmare Fm.	sedritic wedge. arg. siltite. Bedding / cleavage relation dip. Grey st + flakes of grey siltstone. Siderite rich + Schizothaen fragments. Well cleaved. Well cleaved. Well cleaved; conoidal fragments.
Conglomerate showing boundary of granitic cobble with sandy anorthic matrix Coarse grained greywacke Red siltstone	On road c 4 km West of Keenane Co Galway North slope of Letterkeshambally Co Galway South slope of Letterkeshambally "	Disorganised Ononiscian long of the pygmy At base of Lettergesh Fm Silurian. Hough Mask Fm (Silurian).
Red coarse sandstone Green/white medium grained sandstone Red/purple sandstone Coarse Brachia with fine tuff Fine red/purple agglomerate Return to coarse sandstone (Carnellian Head) Return to coarse sandstone. " " coarse detrital calcarenite Mudbank limestone, strongly recrystallized. Coarse pebbly sandstone FINE-MEDIUM sandstone with mud flakes.	Kilmurry Bay, Dingle peninsula, Co. Kerry. Miwand Head, Dingle peninsula, Co. Kerry. Top of Miwand Head, Dingle peninsula, Co. Kerry Miwand Bay, Dingle peninsula Co. Kerry Ardrin, Dingle peninsula Co. Kerry. Kilmurry Bay, Dingle peninsula, Co. Kerry Kilmurry Bay, Dingle peninsula, Co. Kerry. West Meadow Bay, Muckross Killarney Co. Kerry. Kilbeg Bay, Muckross, Killarney, Co. Kerry. Sheehy's Mt. Muckross Killarney, Co. Kerry. Carnellian Head Fm. Muckross Killarney Co. Kerry	Round to sub-round, saw coated Sub-round to angular gross saw coated. Well bedded with grady, sub-angular grains Large coarse grained are well def. cleave " fragments of / mic. inf. matrix Predominance of mic. sp. also bedded planes Algal " " " " " " Stained. Rich in silicified fossil debris. STAINED. Kilbeg Bay Fm. SHEEHY'S MT. Fm. Shows development of crenulation cleavage in mud flakes.

THIS SECTION	FIELD NO.	COLLECTOR	ROCK	LOCATION
P 8527.	Loc. 101.	Kevin Quinn	"Altered rock" - strongly recrystallized lat.	Marble Quarries, Victoria Pt., Mullcross, Killm.
P 8528.		Philip Byrse	Microgranodiorite	Glenties, half way North Rd
P 8529.		" "	Microgranodiorite with sphene	North of Lough Fee North Rd
P 8530.	345	" "	Asbestos greenstone	North west of Lough Fee North Rd
P 8531.	124	" "	Fine well sorted sandstone	Browns bridge, Lough Fee North Rd
P 8532.	389	" "	Coarse sandstone with silt clast	South of Lough Fee North Rd
P 8534	Loc. 595	David S Kelly	Quartzose semi pelite (cataclastic texture)	Shearns townland, Windy Gap area. Co.
P 8535	453	" "	Semi pelitic schist	South side of Shearns Hill.
P 8536	619	" "	Amphibolite (retrogressed to ^{partially} greenschist)	North side of Shearns Hill, Windy Gap, 8 miles N. of Castlebar,
P 8537	453	David S Kelly	Marble (pure)	South side of Shearns Hill.
P 8538	L 169	Sheila Conner	Labradorite porphyry	Western Kilbride Peninsula Co Mayo
P 8539	L 170	Sheila Conner	Albite nachyte	" " "
P 8540	L 275	Sheila Conner	Blocky Andesite Flow (Quartz porphyry)	North coast of Kilbride Peninsula, Co Mayo
P 8541	L 129	Sheila Conner	Intusion of Blocky Andesite Flow	Near Finny village, Kilbride Peninsula Co Mayo
P 8542	L 107	Sheila Conner	Splite, Bencoragh Fm.	Near Farmhouse on Bridle Path, Kilbride Pen. Co Mayo
P 8543	L 180	Sheila Conner	Dolerite dyke	Kilbride Pen. Co Mayo
P 8544	L 100	Sheila Conner.	Pillow of pillow lava (Bencoragh Fm)	Uphill from Finny School near Ord/Sid. U/C. Co Mayo
P 8545	L 105	Sheila Conner	Brecciated pillow lava	Sample of pillow near Finny River. Co Mayo
P 8546	L 100 100	Sheila Conner	Blocky Andesite Flow Pillow Breccia matrix	Near Finny River, Kilbride Peninsula, Co Mayo
P 8547	L 290	Sheila Conner	Blocky Andesite Flow	Kilbride Peninsula Co Mayo
P 8548	659	Graham Reid	Cordierite semi pelite.	North Kilbride Peninsula, Co Mayo
P 8549	338	" "	Quartzite	Ardbane, Rosguill, Co. Donegal.
P 8550	116	" "	Calcareous semi-pelite.	S. of Derrycassan School, Rosguill, Co. Donegal.
P 8551	365	" "	Cordierite mica schist.	W. of Downies Pier, Rosguill, Co. Donegal.
P 8552	677	" "	Marble (calc silicate)	E. of Derrycassan Middle, Rosguill, Co. Donegal.
P 8553	104	" "	Calcareous semi-pelite	Poll na doaghy, Rosguill, Co. Donegal.
P 8554	680	" "	Hornfelsed pelite	Trá Beg, Rosguill, Co. Donegal.
P 8555	595	" "	Tonalite (Granodiorite)	Near Lough na oruppan, Rosguill, Co. Donegal.
P 8556	356	" "	Meta Basite	S. of Doagh, Rosguill, Co. Donegal.
P 8557	200	" "	Calcareous psammite	Crocknamarrow, Rosguill, Co. Donegal.
P 8558	577	David A Kelly	Gneiss	Lamb's Island, Rosguill, Co. Donegal.
P 8559	167	" "	'Adumellite'	SW contact of granodiorite & psammite, Co. Donegal.
P 8560	386	" "	'amphibolite'	" " " " " " " " " " " "
				Roof of granite, SE of Lough na oruppan, Co. Donegal.

Rock	LOCATION	REMARKS.
Altered rock" - strongly recrystallized lat.	Marble Quarries, Victoria Pt., Muckross, Killarney, Co. Kerry.	STAINED. Not persistent along strike.
Microgranodiorite	Glenties, half way North Railway	
Microgranodiorite with spherulites	North of Lough Fee North Railway.	
Relictive greywacke	North west of Lough Fee North Railway	Battergang Fm.
Fine well sorted sandstone	Bonsawes bridge, Lough Fee North Railway.	
Coarse sandstone with silt clasts	South of Lough Fee North Railway.	Coarse sand is matrix for conglomerate.
Quartzose semipelite (cataclastic texture)	Shearns townland, Windy Gap area. Co. Mayo	
Semipelite schist	South side of Shearns Hill. Co. Mayo	Considerable local variation.
Amphibolite (retrogressed to ^{partially} greenschist)	North side of Shearns Hill, Windy Gap, 8 miles N of Castlebar, Co. Mayo.	
Marble (pure)	South side of Shearns Hill. Co. Mayo	
Labradorite porphyry	Western Kilbride Peninsula Co Mayo	
Albite Naclryte	" " " " " "	
Blocky Andesite Flow (Quartz porphyry)	North coast of Kilbride Peninsula, Co Mayo.	
Entrenchment of Blocky Andesite Flow	Near Finny village, Kilbride Peninsula Co Mayo	Small intrusion near the road surrounded by pillow lavas.
Spilite, Bencoragh Fm.	Near Faunhouse on Bridle Path, Kilbride Pen. Co Mayo	
Dolerite dyke	Uphill from Finny School near Ord/Sil. U/c. Kilbride Peninsula Co Mayo.	
Pillow of pillow lava (Bencoragh Fm)	Sample of pillow near Finny River. Kilbride Peninsula Co Mayo	
Brecciated pillow lava	Near Finny River, Kilbride Peninsula, Co Mayo	
Blocky Andesite Flow Pillow Breccia matrix	North Kilbride Peninsula Kilbride Peninsula Co Mayo	
Blocky Andesite Flow	North Kilbride Peninsula, Co Mayo.	
Cordierite semipelite.	Ardbane, Rosguill, Co. Donegal.	Cordierites weathered out.
Quartzite	S. of Derrycassan School, Rosguill, Co. Donegal.	Very fine grained quartzite - shows some x-bedding.
Calcareous semi-pelite.	W. of Downies Pier, Rosguill, Co. Donegal.	Some tectonic folding.
Cordierite mica schist.	E. of Derrycassan Middle, Rosguill, Co. Donegal.	
Marble (calc silicate)	Pollnadoaghy, Rosguill, Co. Donegal.	Some banding & a general lineation.
Calcareous semi-pelite	Trá Beg, Rosguill, Co. Donegal.	
Hornfelsed pelite	Near Loughnaoruppan, Rosguill, Co. Donegal.	Much pyrite.
Tonalite (Granodiorite)	S. of Doagh, Rosguill, Co. Donegal.	A more tonalitic pluton.
Metabasite	Crocknamarrow, Rosguill, Co. Donegal.	Highly chloritized.
Calcareous psammite	Lamb's Island, Rosguill, Co. Donegal.	With muddy band.
Gneiss	SW contact of granodiorite & psammite, Muckross, Co Mayo	Highly altered, some stress indicated
'Adamellite'	" " " " " "	Developed 'Mylonite' texture, retrogressed
'amphibolite'	Rock of granite, SE of Muckross, Co Mayo	Epidote - amphibolite

Thin Section	Field No	Collector	Rock	Location
P8561	615	David A Kelly	Quartz-Mica schist	Leckee Quartzite Group, Top of Fohrainga, Co Mayo
P8562	620	"	Semi pelite	"
P8563	827	"	Feldspathic psammite	" - , South flank of Fohrainga, Co Mayo
P8564	287	"	Biomite Monalite	Sl Gneiss Complex, Contact of metamorphics, Co Mayo
P8565	2	"	Psammite	Leckee Quartzite Gyr, SW of L Conn, Co Mayo
P8566	543 (x2)	"	metagreywacke	" - , lower ridges of Fohrainga, Co Mayo
P8567	65	"	qtz metachert	contact of sl gneiss & Leckee Qtz Gyr, Co Mayo
P8568	L. 157	Job Langbroek	SILT.	'N.E. OF MAUM' DINGLE PENINSULA, CO. KERRY
P8569	L. 160	"	SILT.	'N.E. OF MAUM' DINGLE PENINSULA, CO. KERRY
P8570	L. 2143	"	FINE/GRAINED SANDSTONE.	'N.E. OF MAUM' DINGLE PENINSULA, CO. KERRY
P8571	L. 245.	"	FINE/MEDIUM GRAINED SANDSTONE.	'N.W. OF INCHI GLEN' DINGLE PENINSULA, CO. KERRY
P8572	L. 184.	"	FINE GRAINED SANDSTONE.	'INCHI HOTEL' DINGLE PENINSULA, CO. KERRY
P8573	L. 226.	"	COARSE GRAINED SILT.	'N. OF MAUM' DINGLE PENINSULA, CO. KERRY
P8574	L. 244.	"	MEDIUM GRAINED SANDSTONE.	'INCHI GLEN' DINGLE PENINSULA, CO. KERRY
P8575	443	David Charles	Contact Migmatite (Gneiss)	NORTH OF LOUGHANARLAN STRAND ROSQUILL CO. DONEGAL.
P8576	435	"	Pyroxene Amphibolite (Metadolerite)	S. SIDE OF GANAGARRIG ROSQUILL CO. DONEGAL.
P8577	110	"	Calcareous pelitic schist.	EAST OF ROSEPENNA HOTEL (IN DUNES) ROSQUILL CO. DONEGAL.
P8578	421	"	Andalusite-Staurolite schist (hornfelsed)	200m N. of DUALITY'S ISLE.
P8579	358	"	Cordierite hornfels.	NORTH SIDE OF CROCKANALLA
P8580	208 (2 sections)	"	Garnet pelite	SOUTH - - GANAMORE
P8581		"	Pelitic schist.	SUMMIT
P8582	397	"	Staurolite hornfels	DUNDOONAN LOWER
P8583	105	Gerald Sheridan.	Metabasite - Epidote Amphibolite Facies.	Lahardoun, Co. Mayo.
P8584	218	"	Metabasite - Epidote Amphibolite Facies.	Lahardoun, Co. Mayo.
P8585	114.	"	Albite Schist.	Nephin, Lahardoun, Co. Mayo.
P8586	163	"	Garnet-Mica Semipelite.	Knockfarnagh Hill, Lahardoun, Co. Mayo.
P8587	195	"	Quartzite.	Lahardoun, Co. Mayo.
P8588	130	"	Metabasite - Epidote Amphibolite Facies.	Lahardoun, Co. Mayo.
P8589	125	"	Quartzite.	Lahardoun, Co. Mayo.
P8590	106	"	Metabasite - Epidote Amphibolite Facies.	1.5 miles South of Lahardoun, Co. Mayo.
P8591	29	Robert Kelly	Fine grained sst, subgreywacke text.	'Laghtea Hill', Cloneylavin, Co. Tipp.
P8592	25	"	Coarse greywacke, lithic (Pett. John)	'Laghtea Hill' " "
P8593	6	"	Siltstone, banded,	quarry, Townland of Laghtea, Co. Tipp.

Rock	Location	Remarks
Quartz-Mica schist	Lachree Quartzite Group, Sth of Fohreiga, Co Mayo	'mortar' texture, recrystallization of groundmass
Semi pelite	" " " " " "	'mortar' texture, slight preferred orientation
Feldspathic psammite	" " " " " "	Late stage feldspathization
Biotite Granulite	SE of Lough Camplos, Contact of metamorphics, Co Mayo	Considerable entachsis - Colchonta?, calcite.
Psammite	Lachree Quartzite Lgh, SW of L Conn, Co Mayo	deformational evidence in dolomites.
metagreywacke	" " " " " "	Hornfelsic matrix, microfolids.
qtz metachalchite	contact of SE Lough x Lachree Qtz Lgh, Co Mayo	Randomly placed sphae, sphae textures.
SILT.	'N.E. OF MAUM' DINGLE PENINSULA, CO. KERRY.	WELL DEVELOPED CRENULATION CLEAVAGE.
SILT.	'N.E. OF MAUM' DINGLE PENINSULA, CO. KERRY.	
FINE/GRAINED SANDSTONE.	'N.E. OF MAUM' DINGLE PENINSULA, CO. KERRY	
FINE/MEDIUM GRAINED SANDSTONE.	'N.W. OF INCHI GLEN' DINGLE PENINSULA, CO. KERRY	
FINE GRAINED SANDSTONE.	'INCHI HOTEL' DINGLE PENINSULA, CO. KERRY	
COARSE GRAINED SILT.	'N. OF MAUM' DINGLE PENINSULA, CO. KERRY	
MEDIUM GRAINED SANDSTONE.	'INCHI GLEN' DINGLE PENINSULA, CO. KERRY.	
Contact Migmatite (Gneiss)	NORTH OF LOUGHANMARRAN STRAND ROSQUILL CO. DONEGAL.	Banded leached biotites, altered feldspars.
Pyroxene Amphibolite (Metachalchite)	S. SIDE OF GANAGARRAIG ROSQUILL CO. DONEGAL.	Agmatized rock in gneisses
Calcareous pelitic schist.	EAST OF ROSEPENNA HOTEL (INDONES) ROSQUILL CO. DONEGAL.	Almost a good equilibrium texture in places, altered feldspars and pyx.
Andalusite-Staurolite schist (hornfelsed)	200m N. of DUALITY'S ISLE. " " "	Retrogression shown by replacement of feldspar by calcite.
Cordierite hornfels.	NORTH SIDE OF CROCKAVALLA " " "	Decrease in grain size and some schistosity loss due to hornfelsing.
Garnet pelite	SOUTH " " GANAMORE " " "	Spotted rock, good cordierite porphyroblasts.
Pelitic schist.	SUMMIT " " " " "	Crenulation cleavage,
Staurolite hornfels	DUNDODAN LOWER " " "	" "
Metabasite - Epidote Amphibolite Facies.	Lahardaun, Co. Mayo.	Good contact hornfels with staurolite porphyroblasts, Pyrite nodules.
Metabasite - Epidote Amphibolite Facies.	Lahardaun, Co. Mayo.	Coarse grain size.
Albite Schist.	Nephin, Lahardaun, Co. Mayo.	Fine grain size.
Garnet-Mica Semipelite.	Knockfarnaght Hill, Lahardaun, Co. Mayo.	Crenulation. S ₂ seen folding S ₁ .
Quartzite.	Lahardaun, Co. Mayo.	Crenulation. S ₂ seen folding S ₁ .
Metabasite - Epidote Amphibolite Facies.	Lahardaun, Co. Mayo.	
Quartzite.	Lahardaun, Co. Mayo.	A lot of sphene present.
Metabasite - Epidote Amphibolite Facies.	1.5 miles South of Lahardaun, Co. Mayo.	Crenulation and Retrogression.
Fine grained sst, sub-greywacke text.	'Laghtea Hill', Cloneybrien, Co. Tipp.	dominantly qtz grains
Coarse greywacke, lithic (Petejohn)	'Laghtea Hill' " "	contains alkali volcanics.
Siltstone, banded,	quarry, Townland of Laghtea, Co. Tipp.	cleavage seen as offset of bedding.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
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P8594		Vacant		
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P8600		V		
P8601		G. L. Jones		

P

P8626

TCD. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P 8693		G. Jones		
P 8694				
P 8695				
P 8696				
P 8697				
P 8698				
P 8699				
P 8700				
P 8701	R. A. CARRUTHERS	Ph. D. 1985 COLLECTION. PART 1.		
P 8702	T 6603	R. A. CARRUTHERS	Hore Abbey Limestone Formation	Grid Ref: R 8067 3104
P 8703	T 6605/2	"	"	R 8170 3250
P 8704	T 66802	"	"	R 8750 3313
P 8705	T 66804	"	"	R 8807 3260
P 8706	T 60701/1	"	"	S 0420 3900
P 8707	T 60711	"	"	S 0265 3875
P 8708	T 60802	"	"	S 0495 3842
P 8709	T 60805	"	"	S 0465 3789
P 8710	T 60705	"	"	S 0382 3734
P 8711	T 60710	"	"	S 0383 3882
P 8712	T 60801/1	"	"	S 0648 4025
P 8713	T 60801/28	"	"	S 0648 4025
P 8714	T 60801/3	"	"	S 0648 4025
P 8715	T 60801/8	"	"	S 0648 4025
P 8716	T 60801/9	"	"	S 0648 4025
P 8717	T 60801/12	"	"	S 0648 4025
P 8718	T 60801/13	"	"	S 0648 4025
P 8719	T 60801/15	"	"	S 0648 4025
P 8720	T 60807	"	"	S 0610 3850
P 8721	T 61103	"	"	S 0752 4100
P 8722	T 61103/3	"	"	S 0752 4100
P 8723	T 61103/5	"	"	S 0752 4100
P 8724	T 67405	"	"	S 0752 4100
P 8725	T 60707A	"	Lagganstown Limestone Formation	S 0355 3820
	T 60707B	"	"	S 0355 3820

ROCK-TYPE

LOCALITY

REMARKS

1. PART 1.

by Limestone Formation

Grid Ref: R 8067 3104

R 8170 3250

R 8750 3313

R 8807 3260

S 0420 3900

S 0265 3875

S 0495 3842

S 0465 3789

S 0382 3734

S 0383 3882

S 0648 4025

S 0648 4025

S 0648 4025

S 0648 4025

S 0648 4025

S 0648 4025

S 0648 4025

S 0648 4025

S 0610 3850

S 0752 4100

S 0752 4100

S 0752 4100

S 0752 4100

S 0355 3820

S 0355 3820

own Limestone Formation

Figured Carruthers Ph.D. 1925 thesis, Pl. 3-4, fig. 2.

Fig'd ibid., Pl. 3-4, fig. 7.

Fig'd ibid., Pl. 3-4, fig. 6.

Fig'd ibid., Pl. 3-4, fig. 4.

Fig'd ibid., Pl. 3-4, fig. 8.

Fig'd ibid., Pl. 3-3, fig. 9.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK- TYPE	LOCALITY
P 8726	T 68207	R.A. CARRUTHERS	Lagyanstown Limestone Formation,	Grid Ref: S0030 3580
P 8727	T 67301/1	"	Suir Castle Limestone Member, Suir Limestone Fm.,	R9480 3630
P 8728	T 68205/3	"	"	S0181 3515
P 8729	T 68205/4	"	"	S0181 3522
P 8730	T 68402	"	"	S0575 3400
P 8731	T 68211	"	O'Maher's Frilick White Member,	S0000 3680
P 8732	T 68216/1	"	"	S0017 3680
P 8733	T 68216/2	"	"	S0017 3680
P 8734	T 68228	"	"	S0012 3476
P 8735	T 68309	"	"	S0430 3540
P 8736	T 68401	"	"	S0535 3417
P 8737				
P 8738	T 68703	"	"	S0400 3361
P 8739	T 68703/2	"	"	S0400 3361
P 8740	T 68703/3	"	"	S0400 3361
P 8741	T 68801	"	"	S0450 3317
P 8742	T 66403/3	"	Clonpet White Member,	R8684 3425
P 8743	T 66403/8	"	"	R8684 3425
P 8744	T 66401/1	"	"	R8710 3440
P 8745	T 68201	"	Athassel Limestone Formation.	S0070 3436
P 8746	T 68503	"	O'Maher's Frilick White Member, Suir Limestone Fm.	R9917 8179
P 8747	T 68701/1	"	Athassel Limestone Formation.	S0382 3110
P 8748	T 68701/2	"	"	S0382 3110
P 8749	T 68701/3	"	"	S0382 3110
P 8750	T 68807	"	"	S0580 3122
P 8751	T 6103/1	"	"	S0770 3065
P 8752	/	"	"	29' depth, borehole 728/1, 4 mk SSE Tipper
P 8753	/	"	"	106' " " " "
P 8754	/	"	"	160' " " " "
P 8755	/	"	"	218' " " " "
P 8756	/	"	"	? borehole LJ-14, 3 km WSW Tipper
P 8757	/	"	"	? " " " "
P 8758	T 75804/1	"	Kilshelman Limestone Formation	Grid Ref: S0486 2460

ROCK-TYPE	LOCALITY	REMARKS
White Limestone Formation,	Grid Ref: S0030 3580	
White Limestone Member, Suir Limestone Fm.,	R9480 3630	Fig'd ibid., pl. 3-3, fig. 6.
"	S0181 3515	Fig'd ibid., pl. 3-3, fig. 7
"	S0181 3522	Fig'd ibid., pl. 3-3, fig. 8.
"	S0575 3400	
Frick White Member,	S0000 3680	
"	S0017 3680	
"	S0017 3680	
"	S0012 3476	
"	S0430 3540	Figured ibid., pl. 3-3, fig. 1.
"	S0535 3417	
"	S0400 3361	
"	S0400 3361	
"	S0400 3361	
"	S0450 3317	
White Member,	R8684 3425	Fig'd ibid., pl. 3-3, fig. 2.
"	R8684 3425	Fig'd ibid., ?
"	R8710 3440	Fig'd ibid., 3-3, fig. 4.
Limestone Formation.	S0070 3436	
Frick White Member, Suir Limestone Fm.	R9917 8179	
Limestone Formation.	S0382 3110	
"	S0382 3110	
"	S0382 3110	
"	S0580 3122	
"	S0770 3065	
"	29' depth, borehole 728/1, 4 mi SSE Tipperary town	
"	106' " " " "	
"	160' " " " "	
"	218' " " " "	
"	? borehole LJ-14, 3 km WSW Tipperary town	
"	? " " "	
Limestone Formation	Grid Ref: S0486 2460	

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
P8759	T76301/2	R.A. CARRUTHERS	Kilsheelan Limestone Formation	Grid Ref: S0853 2662
P8760	T76301	"	"	S0853 2662
P8761	T66604/1	"	Knockordan Limestone Formation	R8031 3320
P8762	T66604/2	"	Waulsortian Limestone	R8031 3320
P8763	T75401/1	"	"	S0610 2760
P8764	T75401/3	"	"	S0610 2760
P8765	T75403	"	"	S0635 2795
P8766	/	"	"	depth 100', borehole 80-2, 12 kms SW Tipper
P8767	/	"	"	" 194', " "
P8768	/	"	"	" 201', " "
P8769	T75404	"	"	S0640 2790
P8770	/	"	Ballysteen Limestone Formation (Knockacraun Mbr.)	" 206', borehole 80-2, 12 kms SW of Tipper
P8771	/	"	"	" 227', " "
P8772	/	"	"	" 267', " "
P8773	/	"	"	" 268', " "
P8774	/	"	"	" 181', borehole J-10, 11 kms SW of Tipper
P8775	L49401/1	"	(Drangan Mbr.)	R8120 2773
P8776	L49401/2	"	"	R8120 2772
P8777	T7234	"	"	S0170 3050
P8778	T75237	"	Ballysteen Limestone Formation (Knockacraun Mbr.)	S0095 3060
P8779	/	"	(Knockgraffon Mbr.)	depth 321', borehole 80-2, 12 kms SW of Tipper
P8780	/	"	"	" 331', " "
P8781	/	"	"	" 352', " "
P8782	/	"	"	" 367', " "
P8783	/	"	"	" 402', " "
P8784	/	"	"	" 412', " "
P8785	T66301/1	"	Ballysteen Limestone Formation (Drangan Mbr.)	R8396 3580
P8786	T73201	"	(Aherlow Mbr.)	R8097 2790
P8787	T75301/1	"	"	S0325 3025
P8788	T75301/2	"	"	S0325 3025
P8789	/	"	"	
P8790	/	"	Ballysteen Limestone Formation (Drangan Mbr.)	depth 458', borehole 80-2, 12 kms SW of Tipper
P8791	/	"	"	" 514', " "

Rock-Type	LOCALITY	REMARKS
Limestone Formation	Grid Ref: S0853 2662	
"	S0853 2662	
an Limestone Formation	R 8031 3320	
an Limestone	R 8031 3320	
"	S0610 2760	
"	S0610 2760	
"	S0635 2795	
"	depth 100', borehole 80-2, 12 kms SW Tipperary town	
"	" 194', " "	
"	" 201', " "	
"	S0640 2790	
Limestone Formation (Knockacraun Mbr.)	" 206', borehole 80-2, 12 kms SW of Tipperary town.	
"	" 227', " "	Fig'd ibid., pl. 3-2, fig. 9.
"	" 267', " "	
"	" 268', " "	Fig'd ibid., pl. 3-2, figs 6, 7.
"	" 181', borehole J-10, 11 kms SW of Tipperary town.	Fig'd ibid., pl. 3-2, fig. 10.
" (Drangan Mbr.)	R 8120 2773	
"	R 8120 2772	
"	S0170 3050	
Limestone Formation (Knockacraun Mbr.)	S0095 3060	
" (Knockgraffon Mbr.)	depth 321', borehole 80-2, 12 kms SW of Tipperary town	
"	" 331', " "	Fig'd ibid., pl. 3-2, fig. 8.
"	" 352', " "	
"	" 363', " "	
"	" 402', " "	
"	" 412', " "	Fig'd ibid., pl. 3-2, fig. 5.
Limestone Formation (Drangan Mbr.)	R 8396 3580	
" (Aherlow Mbr.)	R 8097 2790	
"	S0325 3025	
"	S0325 3025	
Limestone Formation (Drangan Mbr.)	depth 458', borehole 80-2, 12 kms SW of Tipperary town	
"	" 514', " "	

TCD. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P8792	/	R.A. CARRUTHERS	Ballysteen Limestone fm. (Drangan Mbr.)	Depth 415', borehole J-10, 11 kms SW of J
P8793	/	"	Ballysteen Limestone fm. (Knockgratten Mbr.)	Depth 416', borehole 80-2, 12 kms SW of Tipper
P8794	T75235/1	"	" (Aherlow Mbr.)	Grid Ref: S0170 3001
P8795	T75235/2	"	" (")	S0170 3001
P8796	/	"	" (")	Depth 263', borehole D-63, 11 kms SW of
P8797	/	"	" (")	" 332', "
P8798	L50102	"	Ballysteen Limestone fm (Riverdale Mbr.)	R8392 2870
P8799	/	"	" (")	Depth 475', borehole D-63, 11 kms SW of
P8800	/	"	" (")	" 485' "

End of R.A. Carruthers 1985 Ph.D. Collection,

Part 1. [For Pt. 2 see JEP. P. 12]

ROCK-TYPE	LOCALITY	REMARKS
Limestone fm. (Drangan Mbr.)	Depth 415', borehole J-10, 11 kms SW of Tipp. town.	
Limestone fm. (Knockgraffon Mbr.)	Depth 416', borehole 80-2, 12 kms SW of Tipperary town.	Fig'd ibid., ?
" (Aherlow Mbr.)	Grid Ref: 50170 3081	
" (")	50170 3081	
" (")	Depth 263', borehole D-63, 11 kms SW of Tipperary town.	Fig'd ibid., Pl. 3-2, fig. 4.
" (")	" 332', " "	Fig'd ibid., Pl. 3-2, fig. 3.
Limestone fm. (Riverdale Mbr.)	R 8392 2870	
" (")	Depth 475', borehole D-63, 11 kms SW of Tipperary town.	
" (")	" 485' " "	Fig'd ibid., Pl. 3-2, fig. 2.
R. A. Carruthers 1985 Ph.D. Collection, Part 1. [For Pt. 2 see J. P. 12863-12962]		

Thin Section	Field No.	Collector	Rock	Location
P 8801	102-1	J.R. Penney	Coarse greywacke. (Ballykeel Mbr)	
P 8802	102-2		" " " "	
8803	102-3		medium " " "	
8804	105-1		Sandy mudstone " "	
8805	105-2		greywacke " "	
8806	105-3		Microconglomerate " "	
8807	118-30		greywacke " "	
8808	118-31		" " "	
8809	118-32		" " "	
8810	118-00		Microconglomerate " "	
P 8811	118-02 BA		" " "	
8812	11802 B		" " "	
8813	118-02B-B		" " "	
8814	11802-B-H		" " "	
8815	118-02-BXB		" " "	
8816	118-02 BXD		" " "	
8817	118-02 BXE		" " "	
8818	118-02-BXS		" " "	
8819	118-02-BG		" " "	
8820	11802-BXC		" " "	
8821	118-00(B)		" " "	
8822	130		greywacke	
8823	131		"	
8824	144		Microconglomerate.	
8825	155A		greywacke + g/b veins	
8826	155B		" " "	
8827	161A		greywacke.	
P 8828	163		"	
8829	171		"	
8830	174		"	
8831	179		"	
8832	183		Micro-breccia	
8833	196		greywacke.	

Rock	Location	Remarks.
Coarse greywacke. (Ballykeel Mbr)		Stained (yellow) for K-feldspar.
" " "		" " "
medium " "		—
Sandy mudstone	" "	—
greywacke	" "	Stained (yellow) for K-feldspar
Microconglomerate	" "	—
greywacke	" "	Stained (yellow) for K-feldspar
" "	" "	" " "
" "	" "	" " "
Microconglomerate	" "	—
" "	" "	Stained (red) for Plag feldspar.
" "	" "	—
" "	" "	—
" "	" "	Stained (red) for Plag feldspar
" "	" "	" " " " "
" "	" "	" (yellow) for K-feldspar.
" "	" "	—
" "	" "	—
" "	" "	Stained Stained (yellow) for K-feldspar.
" "	" "	" (Red) for Plagioclase.
" "	" "	—
greywacke		
" "		
Microconglomerate.		
greywacke + gtz veins		Stained (yellow) for K-feldspar
" " "		—
greywacke.		Stained (red) for plagioclase.
" "		" (yellow) " K-feldspar.
" "		" " " "
" "		" " " "
" "		" " " "
Micro-breccia		—
greywacke.		" " " "

Thin Section	Field No	Collector	Rock	Location
P 8834	201	S.R. Penney	Laminated siltstone. (Ballindypert Fm)	
P 8835	286		Greywacke	
P 8836	305		Laminated + cleaved siltstone (Ballindypert Fm)	
P 8837	309		Greywacke	"
P 8838	324		Greywacke	
P 8839	324A7		Fine greywacke + laminated silt.	
P 8840	324/2		Greywacke	
P 8841	328		Microconglomerate (Ballykeel Mbr)	
P 8842	333-1		greywacke.	
P 8843	333-2		Laminated greywacke	
P 8844	333-3		Coarse greywacke	
P 8845 a/b	349-2		(X2) " "	
P 8846	352		Laminated siltstone	
P 8847	362		Fine greywacke	
P 8848	366		Microconglomerate (Ballykeel Mbr)	
P 8849	366-1		" "	
P 8850	366-2		" "	
P 8851	373		Laminated greywacke.	"
P 8852	373-9-10		" " "	
P 8853	373-13		" "	
P 8854	373-20		greywacke	
P 8855	373-B		microconglomerate greywacke	
P 8856	384 B		Microconglomerate	
P 8857	417		Slaty mudstone	
P 8858	420		Cross laminated greywacke	
P 8859	461		Coarse greywacke	
P 8860	478		" "	
P 8861	489		Laminated greywacke.	
P 8862	572		" "	
P 8863	597		Greywacke. (Ballykeel Mbr)	
P 8864	78-2		" " "	
P 8865	7609		Coarse greywacke " "	

Rock	Location	Remarks
Laminated siltstone (Ballindypert Fm)		
Greywacke		
Laminated + cleaved siltstone (Ballindypert Fm)		
Greywacke	"	
Greywacke		stained (yellow) for K-feldspar.
Fine greywacke + laminated silt.		
Greywacke		
Microconglomerate (Ballyhet Mbr)		
greywacke.		
Laminated greywacke		
Coarse greywacke		stained (yellow) for K-feldspar.
x2) " "		
Laminated siltstone		
Fine greywacke		
Microconglomerate (Ballyhet Mbr)		
" "	"	
" "	"	
Laminated greywacke.	"	
" "	"	
" "	"	
greywacke		stained (yellow) for K-feldspar.
greywacke		
Microconglomerate		
Slaty mudstone		
fine laminated greywacke		
Coarse greywacke		stained (yellow) for K-feldspar.
" "		
Laminated greywacke.		
" "		
Greywacke. (Ballyhet Mbr)		stained (yellow) for K-feldspar.
" "	"	" " " "
Coarse greywacke	"	" " " "

Thin Section No.	Field No.	Collector.	Rock.	Location
P 8866	631	S.R. Permy.	laminated purple + green mudstone (slaty) (Kilmackomas Fm)	
P 8867	639		Greywacke (Ballypost Mbr)	
P 8868	645-1		Calcareous greywacke "	
P 8869	645-2		" "	
P 8870	666		fine laminated greywacke "	
P 8871	666-1		greywacke "	
P 8872	666-2B		" "	
P 8873	666-2A		" "	
P 8874	668		" "	
P 8875	671		Laminated siltstone / greywacke (Ballypost Fm)	
P 8876	674		Laminated / cleaved siltstone (")	
P 8877	688		Diorite (Lr Palaeozoic)	Clonea Castle
P 8878	698		Greywacke	
P 8879	722		Very silicified greywacke	
P 8880	725		Laminated greywacke	
P 8881	792		Greywacke	
P 8882	730		"	
P 8883	793		"	
P 8884	820-1		"	
P 8885	820-2		"	
P 8886	832		Fine greywacke clast (conglomerate in) (Comeragh Fm)	
P 8887	874		Acid Tuff. (Kilmackomas Fm)	
P 8888	897-2		Microconglomerate (Comeragh Fm)	
P 8889	913		Qtz greywacke (Kilmackomas Fm)	
P 8890	921		Senicite Tuff. (in Ballypost Member)	
P 8891	902		Greywacke "	
P 8892	931		" "	
P 8893	933-1		Calc " with heavy mineral banding "	
P 8894	933-2		Calc " " "	
P 8895	933-3		" " banding "	
P 8896	983		Greywacke.	
P 8897	1011		Chlorinised Tuff? Kilmackomas Fm.	
P 8898	1014.		Tuff (acid) " "	Carrireen

Rock	Location	Remarks
aminated purple + green mudstone (slaty) (Kilmackomas Fm)		
Greywacke (Ballypost Mbr)		
Calcareous greywacke	"	
"	"	
fine laminated greywacke	"	
greywacke	"	
"	"	
"	"	
"	"	

aminated silstone / greywacke (Ballypost Fm)		
aminated / cleaved silstone (")		
Diorite (Lr Palaeozoic)	Clonea Castle	

Greywacke		
very siliceous greywacke		
laminated greywacke		
Greywacke		
"		
"		
"		
"		

fine greywacke clast (conglomerate in) (Comeragh Fm)		
acid Tuff. (Kilmackomas Fm)		
microconglomerate (Comeragh Fm)		
Blk greywacke (Kilmackomas Fm)		
acidic Tuff. (in Ballypost Member)		

Greywacke	"	
"	"	
" with heavy mineral banding	"	
"	"	
"	"	

Greywacke.		
chlorinised Tuff? Kilmackomas Fm.		
Tuff (acid)	"	

Carrigeen

Stained (yellow) for K Feldspar } v. poor

Stained (yellow) for K Feldspar.

" " " " "

" " " " "

Blue stain (Fe-dolomite).

P8899	1015	S.R. Penney	Diorite. (Lr. Palaeozoic)	Robertstown.
P8900	1038		Greywacke (cherty) (Ross Formation)	
P8901	1010		? Altered Tuff? (Kilmackomas Fm)	
P8902	1033		Laminated Siltstone (" ")	Kilbrannigan Br.
P8903	1042		Greywacke (cherty) (Ross Fm)	
P8904	1045(CR1)		Green mudstone (Congham Fm)	Congham Hill - Kilmaree Quarry
P8905	1045(CR2)		Coarse sst (wacke) (" ")	" " " "
P8906	1096A		" " (arenite) (Comeragh Fm)	
P8907	1096B		Fine red sst (" ")	
P8908	1122		White sst (arenite) (Keltorcan Fm)	
P8909	1150		Green slate (Kilmackomas Fm)	
P8910	1156A		Clud tuff. (" ")	
P8911	1156B		" " (" ")	
P8912	1162		Laminated green sst/siltstone (" ")	
P8913	1163-1		Mugearde lava (Carriguff Volc Mbr)	
P8914	1163-2		" " " "	
P8915	1163-2A		" " " "	
P8916	1163-3A		" + laminated " " "	
P8917	1163-3B		" Red sst. " " "	
P8918	1163-4		Laminated red sst " " "	
P8919	1163-5		Vesicular mugearde. " " "	
P8920	1171-1		Greywacke clast (conglomerate in Connemara Fm)	
P8921	1171-2		Granite " " " "	
P8922	1171-3		Qtz-wacke clast " " " "	
P8923	1171-4		Greywacke " " " "	
P8924	1171-5		Qtz sst (arenite) " " "	
P8925	1207		Altered dolerite (intruding O.R.S)	
P8926	1208		Fresh " " "	
P8927	1210		Lava. (Nier Fm)	nr Moonyasha
P8928	1213		Diorite (intrusion in Kilmackomas Fm)	
P8929	1261		Altered lava? (Kilmackomas Fm)	
P8930	1274		" " w ^{basic} intrusion? "	
P8931	1276		Greywacke (Ross Fm)	

Diorite. (Lr. Palaeozoic)
 Greywacke (cherty) (Ross Formation)
 altered Tuff? (Kilmackomas Fm)
 mudstone (" ")
 Greywacke (cherty) (Ross Fm)
 Green mudstone (Congham Fm)
 Coarse sst (wacke) (" ")
 " " (arenite) (Congham Fm)
 Fine red sst (" ")
 White sst (arenite) (Keltorcan Fm)
 Green slate (Kilmackomas Fm)
 Mud tuff. (" ")
 " " (" ")
 Laminated green sst/siltstone (" ")
 Mugearde lava (Congham Volc Mbr)
 " " " "
 " " " "
 " & laminated " " "
 " Red sst. " " "
 Laminated red sst " " "
 Vesicular mugearde. " " "
 Greywacke clast (conglomerate in Congham Fm)
 Granite " " " "
 Qtz-wacke clast " " " "
 Greywacke " " " "
 Qtz sst (arenite) " " "
 altered dolerite (intruding O.R.S.)
 Fresh " " "
 Lava. (Nier Fm).
 Diorite (intrusion in Kilmackomas Fm)
 altered lava? (Kilmackomas Fm)
 " " or ^{basic} intrusion? "
 Greywacke (Ross Fm)

Robertstown.

Kilnagrange Br.

Congham Hill - Kilmaree Quarry.
 " " " "

Burrowed.

Chlorite filled tension cracks.

Top of lava flow with sediment drapes
 " " " " "

or Moanyarha

Thin slide!

P8932	1295	S.R. Penney	Altered Tuff (acid) (Kilmachomas Fm)
P8933	1317		Lenticular fine silt. (")
P8934	1322		And Tuff "Rhyolite" (Ross Fm)
P8935	1325		And tuff "Rhyolite" (")
P8936	1467		White Sandstone (coarse) (Comeragh Fm)
P8937	1468		Red laminated sst. (Kiltorcan Fm)
P8938	1476		White quartz arenite (")
P8939	1638		Tourmaline clast. (Connshingam Fm)
P8940	1710		Mudflake Breccia (")
P8941	CR2 (1797)		And tuff. (Croughan Fm)
P8942	1828		Red Sandstone (Connshingam Fm)
P8943	1862		Breccia " "
P8944	1876		Coarse Sandstone (Nier Fm)
P8945	1915a		Quartz arenite. (Kiltorcan Fm)
P8946	1915b		Red fine greywacke (")
P8947	1927		Green Sandstone (Croughan Fm)
P8948	2025A		Conn Mugearite lava (Coolnahacra Fm)
P8949	2025B		" " (Coolnahacra ")
P8950	2026-1		Crystal-tenside tuff clast (Connshingam Fm)
P8951	2026-2		Crystal tuff into sandstone ^{clast} (")
P8952	2077		Red Sandstone (Nier Fm)
P8953	2095		Red greywacke (")
P8954	2104		v. coarse sst. (")
P8955	2137		greywacke (")
P8956	2149		" "
P8957	2156		Arenite "
P8958	2159		" "
P8959	2162		Arkose wacke (Kiltorcan Fm)
P8960	2164		Quartz wacke "
P8961	2177-1		Sandstone clast with grey ^{vein} (Croughan Fm)
P8962	2177-2		Chert "
P8963	2177-3		Conglomerate "
P8964	2177-4		Arenite "

Altered Tuff (acid) (Kilmachomas Fm)
 Lenticular fine siltst. (")
 Acid Tuff "Rhyolite" (Ross Fm)
 Acid tuff "Rhyolite" (")
 White Sandstone. (coarse) (Comeragh Fm)
 Red laminated sst. (Kiltorcan Fm)
 White quartz arenite (")
 Trondhjemite clast. (Comishingam Fm)
 Mudflake Breccia (")
 Acid tuff. (Crougham Fm)
 Red Sandstone (Comishingam Fm)
 Breccia " "
 Coarse Sandstone (Nier Fm)
 Quartz arenite. (Kiltorcan Fm)
 Red fine greywacke (")
 Green Sandstone (Crougham Fm)
~~Basalt~~ Mugearite lava (Coolinaghena Fm)
 " " (Coolinaghena ")
 Crystal-senside tuff clast (Comishingam Fm)
 Crystal tuff with sandstone clast (")
 Red Sandstone (Nier Fm)
 Red greywacke (")
 v. coarse sst. (")
 greywacke. (")
 " " "
 Arenite " "
 " " "
 Arkose wacke (Kiltorcan Fm)
 Quartz wacke " "
 Sandstone clast with quartz vein (Crougham Fm)
 Chert " "
 Conglomerate " "
 Arenite " "

Thin slide.

P8965 2184. S. R. Penney

P8966 2191

P8967 2217 C3

P8968 2251

P8969 2247

P8970 2252

P8971 2269

P8972 2272

P8973 2273-1

P8974 2273-2

P8975 2274

P8976 2274-1

P8977 2276-1

P8978 2276-2

P8979 2292

P8980 2294-1

P8981 2294

P8982 2294-2

P8983 2295

P8984 2320

P8985 2330-1

P8986 2330-2

P8987 2351

P8988 2366

P8989 2375

P8990 2376

P8991 2379-1

P8992 2379-2

P8993 2383-2

P8994 2385

P8995 2386

P8996 2388

P8997 2601

P8998 2606

P8999

Green mudstone (Corryham Beds)

Green sandstone (")

" arenite "

Sandstone (Nier Fm)

" (Corneyagh Fm)

Red greywacke "

Red arenite "

White sandstone (Keltorcan Fm)

" gtz arenite "

" " "

" Subarkose arenite "

Green siltstone "

Red siltstone (Corneyagh Fm)

Flaggy sst. (")

White sub-arkose arenite (Keltorcan Fm)

Green Quarternary clast. (Corryham Fm)

Coarse lithic arenite "

Chloritic greywacke "

Lithic arenite

Greywacke. Connahangam Fm

Coarse pebbly sst. Corneyagh Fm

Red sandstone "

" " "

Red sandstone "

~~alt.~~ Lithic-wacke "

Lithic arenite. (Connahangam Fm)

Calc. gtz-wacke. "

" greywacke. "

Fine sandstone buff. clast "

Coarse arenite. (Corneyagh Fm)

Red mudstone "

" Rhyolitic tuff. (Ross Fm)

Arkose wacke (Keltorcan Fm)

Sandstone (Corneyagh Fm)

Millvale Bridge

"

"

"

"

"

"

Corneyagh

Corneyagh

"

"

Spillogees

Corneyagh

"

Grennan Quarry

Monavullagh Mtns

Green Mudstone (Congham Beds)
 Green Sandstone (")
 " arenite "
 Sandstone (Nier Fm)
 " (Comeragh Fm)
 Red greywacke "
 Red arenite "
 White Sandstone (Kiltorcan Fm)
 " gtz arenite "
 " " "
 " Subarkose arenite "
 Green siltstone "
 Red siltstone (Comeragh Fm)
 Raggy Sst. (")
 Shale sub-arkose arenite (Kiltorcan Fm)
 Green Quartzite clast. (Congham Fm)
 Fine lithic arenite "
 Chloritic greywacke "
 Lithic arenite "
 Greywacke. Connishingaun Fm
 Coarse pebbly st. Comeragh Fm
 Red Sandstone "
 " " "
 Red Sandstone " "
~~Red~~ Lithic-wacke " "
 Lithic arenite. (Connishingaun Fm)
 Pale gtz-wacke. "
 " greywacke. "
 Fine sandstone tuff. clast "
 Coarse arenite. (Comeragh Fm)
 Red mudstone "
 Rhyolitic tuff. (Ross Fm)
 Arkosic Wacke (Kiltorcan Fm)
 Sandstone (Comeragh Fm)

Millvale Bridge

"

"

"

"

"

Cummea

Cummea

"

"

Spillogees

Thin shale

Cummea Mahon

"

Grennan Quarry

Monavullagh Mtns

M. L. KEELEY PH.D.
COLLECTION,
TCD. 1980.

Section No.

Sample No.

Collector

Reels

Location

P 9001

Carriack 1A

Mark Kealey

Granny Oolthi mbr.

GOM

Carriack-on-Suir, Co. Tipperary

P 9002

" 1C

"

"

P 9003

Piltown 3i

"

1km east of Piltown, Co. Kilkenny

P 9004

" 3ii

"

—— " ——

P 9005

" 4

"

"

P 9006

" 5

"

"

P 9007

" 6

"

"

P 9008

" 7

Ivelk hinedae mbr.

ILM

"

P 9009

" 8B

"

"

P 9010

" 8A

"

"

P 9011

" 9

GOM

"

P 9012

" 10

ILM

"

P 9013

" 11

GOM

"

P 9014

" 12A

"

"

P 9015

" 12B

"

"

P 9016

" 12Aii

"

"

P 9017

" 14A

"

"

P 9018

" 14B

"

"

P 9019

" 14C

"

"

P 9020

" 14D

"

"

P 9021

" 15C

"

"

P 9022

" 15D

"

"

P 9023

" 15FA

"

"

P 9024

" 16A

Blackwater hinedae mbr.

BLM

"

P 9025

" 16B

"

"

P 9026

" 16C

"

"

P 9027

" 17

GOM

"

P 9028

" 18

BLM

"

P 9029

" 19

"

"

P 9030

" 19ii

"

"

P 9031

" 20

"

Piltown

P 9032

" 22

"

"

P 9033

" 24bla

Waulsatian

"

Carraig-an-Suir Syncline, Southern Ireland

[illegible]

Section No.	Sample No.	Collector	Rock	Location
P 9034	Piltown 24bb	Martin Kealey	Waulsortian	Piltown, Co. Kilkenny
P 9035	Piltown 24gd	"	"	"
P 9036	" 24w	"	"	"
P 9037	" 25A	"	GOM	Fiddown
P 9038	" 25B	"	GOM	"
P 9039	" 25Bii	"	GOM	"
P 9040	" 25C	"	"	"
P 9041	" 26	"	"	"
P 9042	" 28	"	ILM	"
P 9043	" 31	"	Waulsortian	Piltown
P 9044	" 32	"	Waulsortian	"
P 9045	" 32ii	"	"	"
P 9046	" 33	"	BLM	"
P 9047	Sweep 38A	"	"	Sweep Xroads 5 km N Piltown
P 9048	" 38Aii	"	"	"
P 9049	" 38Aiii	"	"	"
P 9050	" 38B	"	"	"
P 9051	" 38F	"	"	"
P 9052	" 39K	"	"	"
P 9053	GQI/A	"	ILM	Granny Quarries, Co. Kilkenny
P 9054	GQI/B t25	"	"	"
P 9055	GQI/C	"	"	"
P 9056	GQI/HA	"	"	"
P 9057	GQI/HB	"	"	"
P 9058	GQI/HC	"	"	"
P 9059	GQI/MA	"	"	"
P 9060	GQI/MB	"	"	"
P 9061	GQI/N	"	"	"
P 9062	GQI/Nii	"	"	"
P 9063	GQI/RA	"	"	"
P 9064	GQI/RB	"	"	"
P 9065	GQI/UA	"	"	"
P 9066	GQI/UB	"	"	"

Rock	Location	Remarks
Waulsortian	Piltown, Co. Kilkenny	Spalte, Thesis Fig. 6.5.A
"	"	spalte
"	"	dolomite, Thesis Fig. 6.5.B.
GOM	Fiddown	granite
GOM	"	calc. mudstone
GOM	"	"
"	"	granite, Thesis, Fig. 6.2.B, broken slide
"	"	dolomite broken shale
ILM	"	packstone
Waulsortian	Piltown	dolomite
Waulsortian	"	spalte
"	"	"
BLM	"	wackestone, Thesis Fig. 6.4.B
"	"	"
"	"	"
"	"	"
"	"	"
"	"	calc. mudst.
"	"	wackestone with ferruginous seam
"	"	wackestone
ILM	Granny Quarries, Co. Kilkenny	packstone, Thesis Fig. 6.3.A
"	"	"
"	"	dolomite
"	"	"
"	"	"
"	"	"
"	"	packstone, Thesis Fig. 6.3.D
"	"	packstone
"	"	dolomitic packstone
"	"	"
"	"	packstone
"	"	" Thesis Fig. 6.4.A
"	"	wackestone
"	"	"

Section No.	Sample No.	Collector	Rock	Location
P9067	GQ2/EP	Martin Kelly	ILM	Gunny Quarries, Co. Kilkenny
P9068	GQ2/Ed	"	"	"
P9069	GQ2/ES	"	"	"
P9070	GQ2/EE	"	"	"
P9071	GQ2/Ex	"	"	"
P9072	GQ2/C	"	"	"
P9073	GQ2/G	"	"	"
P9074	Killinaspid		Kiltorcan Fm.	Killinaspid, Co. Kilkenny
P9075	GQ1/HX		ILM	Gunny Quarries, "
P9076	GQ1/HXii		ILM	"
P9077	GQ1/HXiii		"	"
P9078	GQ1/To		"	"
P9079	GQ1/To ii		"	"
P9080	GQ1/TF		"	"
P9081	GQ1/TFii		"	"
P9082	GQ4/C		GOM	"
P9083	Sweep 41		Waulsortian	2km east of Castlebrun, Co. Kilkenny
P9084	Sweep 41A		"	"
P9085	Piltown S2		"	1km NW of Piltown
P9086	Piltown SSA		"	Tybroughney, 3km W Piltown
P9087	Piltown SSB		"	
P9088	Piltown SSC		"	
P9089	Piltown Sb		"	
P9090	Piltown S9		"	
P9091	Grange 61		Silver Spring Fm.	Piltown
P9092	Grange 61ii		"	Silver Spring, 3km N Moncrean, Co. K.
P9093	Grange 61Ai		"	"
P9094	Grange 61Aii		"	"
P9095	Grange 62i		Rilshelanhurst Fm. (KL)	Silver Spring
P9096	62ii		"	"
P9097	62iii		"	"
P9098	Grange 62B		Waulsortian	2km N Moncrean
P9099	Grange 62C		"	"

Rock	Location	Remarks
ILM	Ganny Quarries, Co. Kilkenny	bryozoa wackestone - packstone
"	"	"
"	"	"
"	"	packstone
"	"	bryozoa wackestone - packstone
"	"	packstone
"	"	packstone with chert
Kiltorcan Fm.	Killinapick, Co. Kilkenny	litraente
ILM	Ganny Quarries, "	delamite packstone
ILM	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	ferruginous ——— " ———
"	"	"
COM	"	oolitic granstone
Waulsortian	2 km east of Castlecom, Co. Kilkenny	delamite
"	"	"
"	1 km NW of Pittoun	biomicrite
"	Tybroughney, 3 km W Pittoun	delamite
"	"	"
"	"	"
"	"	"
"	Pittoun	red siliceous delamite.
Silver Spring Fm.	Silver Spring, 3 km N Monacan, Co. Kilkenny	biomicrite, Thesis Fig. 6.2-A
"	"	"
"	"	chert & biomicrite
"	"	delamite
Rilsteelan limest. Fm. (KL)	Silver Spring	foam-rich biomicrite, Thesis Plate XVII (22)
"	"	"
"	"	foam rich biomicrite, Thesis Plate XVI (10, 16, 22), XVII (15)
Waulsortian	2 km N Monacan	vuggy biomicrite
"	"	"

Section No.	Sample No.	Collector	Rock	Location
P 9100	Grange 62D	Martin Keelley	Silverspring Fm.	2 km N of Moncarin, Co. Kilkenny
P 9101	63		Waulsortia	Silverspring
P 9102	63ii		"	"
P 9103	63A		"	"
P 9104	63B		"	"
P 9105	64		"	"
P 9106	65A"		" argillaceous facies	"
P 9107	65A		"	" (at 65-2-4)
P 9108	65Aii		"	"
P 9109	65-1-U		"	Silverspring
P 9110	65-1-V		"	"
P 9111	65-1-Vii		"	"
P 9112	65-1-W		"	"
P 9113	65-2-M		"	"
P 9114	65-3-G		"	"
P 9115	Tuckstown 66S1		ILM	Tuckstown, Co. Kilkenny
P 9116	66S1ii		"	"
P 9117	66S2		"	"
P 9118	66S3		"	"
P 9119	66S4		"	"
P 9120	Grange 70A		Silverspring Fm (upper)	Grange, Co. Kilkenny
P 9121	70Aii		"	"
P 9122	70Aiii		"	"
P 9123	70B		"	"
P 9124	70C		"	"
P 9125	70E1		"	"
P 9126	70E1ii		"	"
P 9127	70E1iii		"	"
P 9128	70E2		"	"
P 9129	72A		Silverspring Fm	Silverspring
P 9130	Ardsra 73Ai		"	1 km N Ardsra, Co. Kilkenny
P 9131	73Aii		"	"
P 9132	73Ei		"	"

Rock	Location	Remarks
Silverspring Fm.	2km N of Moncar, Co. Kilkenny	biomierite
Waulsortia	Silverspring	ruggy biomierite
"	"	"
"	"	biomierite
"	"	mierite cavity-fill
"	"	ruggy biomierite
" agillaceous facies	"	biomierite with agillite wssps
— " —	" (at 65-2-4)	"
"	" — " —	"
"	Silverspring	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
ILM	Turkstown, Co. Kilkenny	packstone
"	"	"
"	"	siliceous wackestone (por slide)
"	"	wackestone - packstone
"	"	"
Silverspring Fm (upper)	Grange, Co. Kilkenny	pellobiomierite
"	"	fine biomierite
"	"	"
"	"	"
"	"	detomite
"	"	fine biomierite
"	"	" Desio Fig. 6.3.F
"	"	"
"	"	"
Silverspring Fm	Silverspring	biomierite
"	1km N Ardara, Co. Kilkenny	detomite
"	"	"
"	"	biomierite

Section No.

Sample No.

Collector

Rock

Location

P9133

Ardena 73Eii

Mastin Keelery

Silverspring Fm

1km N of Ardena, Co. Kilkenny

P9134

73Fi

"

"

P9135

73Fii

"

"

P9136

Ardena 74A

KL

Kilcragga, Co. Kilkenny

P9137

74Aii

KL

"

P9138

74B

KL

"

P9139

74C1

KL

"

P9140

74C2

KL

"

P9141

74C3

KL

"

P9142

74C3ii

KL

"

P9143

75

Waulsortian

1km N Moncan

P9144

76

Silverspring Fm

"

P9145

76ii

"

"

P9146

Carrick 83A

GOM

Carrick-on-Suir

P9147

83B

"

"

P9148

83C

"

"

P9149

Moncan 84A

Waulsortian (base)

Pollone, 2km SW of Moncan, river bank

P9150

84A'

— " —

"

P9151

84A"

— " —

"

P9152

84B

— " —

"

P9153

84D

BLM (upper)

"

P9154

91

Porters Gate Fm.

Ballygorey, 4km S of Moncan, river bank

P9155

91A

"

"

P9156

91B

"

"

P9157

Aghish 93A

BLM (upper)

Rathkieran, 2km E of Moncan

P9158

93B

— " —

"

P9159

94

— " —

Rathcreevy, 4km ENE of Moncan

P9160

Granny 96A

GOM

Newtown Ays, 3km NW of Granny

P9161

96D

"

"

P9162

97A

"

"

P9163

97B

"

"

P9164

97C

"

"

P9165

97D

"

"

Rock	Location	Remarks
Silverspring Fm	1km N of Adessa, Co. Kilkenny	biomicrote
"	"	"
"	"	"
KL	Kilcragga, Co. Kilkenny	pelobiontic
KL	"	"
KL	"	"
KL	"	"
KL	"	"
KL	"	"
KL	"	" with forams, Thesis Plate XVIII (1)
Waulsortian	1km N Moncaran	biomicrote
Silverspring Fm	"	"
"	"	"
GOM	Carriagh-an-Suibh	pelecysteres
"	"	"
"	"	"
Waulsortian (base)	Pollone, 2km SW of Moncaran, river bank	chert and detritate
— " —	"	detritate
— " —	"	"
— " —	"	detritate and agglut
BLM (upper)	"	siliceous biomicrote
Porters Gate Fm.	Ballygarey, 4km S of Moncaran, river bank	siltstone
"	"	
"	"	
BLM (upper)	Rathkieran, 2km E of Moncaran	siliceous biomicrote
— " —	"	
— " —		
GOM	Rathcivilly, 4km ENE of Moncaran	detritate
"	Newtown Qys, 3km NW of Graney	oolitic part
"	"	"
"	"	"
"	"	"
"	"	"
"	"	" Thesis Figs. 6.2.C, E, 6.3.C

Section No.	Sample No.	Collector	Rock	Location
P 9166	Granny 98A	Martin Keely	ILM	Granny, Co. Kilkenny, river bank
P 9167	98B		"	"
P 9168	98C		"	"
P 9169	98D		"	"
P 9170	106A		GOM	2km N of Granny
P 9171	106B		GOM	"
P 9172	109		BLM	"
P 9173	110		?GOM	"
P 9174	110A		"	"
P 9175	111A		ILM (cuppes)	"
P 9176	111B		ILM (-u-)	"
P 9177	113		GOM	"
P 9178	Dunkett 115		ILM	2km NE of Granny
P 9179	117		ILM	"
P 9180	119i		"	"
P 9181	118		ILM (base)	3km NE of Granny
P 9182	119		ILM	"
P 9183	Cullin 123		ILM	1km S of Lough Cullin
P 9184	124		Parker's Gale Fm	"
P 9185	137		GOM	3km S of Tary Hill
P 9186	138		Parker's Gale Fm	Ballinacra
P 9187	138'		"	"
P 9188	140		"	"
P 9189	140'		"	"
P 9190	Lingam 141		BLM	2km W of Piltown
P 9191	141ii		"	"
P 9192	Cullin 141Bi		Kiltoran Fm	4km E of Ballinacra
P 9193	141Bii		"	"
P 9194	141Biii		"	"
P 9195	142		"	"
P 9196	145		? Siloespring Fm	Castletown, Co. Kilkenny
P 9197	145i		—u—	"
P 9198	146		—u—	"

Rock	Location	Remarks
ILM	Grangy, Co. Kilkenny, riverbank	dolomite
"	"	"
"	"	"
"	"	"
GOM	2km N of Grangy	oolite
GOM	"	"
BLM	"	wackestone
?GOM	"	dolomite
"	"	"
ILM (upper)	"	chert
ILM (lower)	"	granite
GOM	"	dolomite granite and siltstone
ILM	2km NE of Grangy	dolomite
ILM	"	"
"	"	argillaceous dolomite
ILM (base)	3km NE of Grangy	siliceous wackestone, Thesis Fig. 6.4.C.
ILM	"	dolomite
ILM	1km S of Lough Culbin	wackestone
Parker's Gade Fm	"	compacted siliceous granite
GOM	3km S of Tary Hill	oolite, Thesis Fig. 6.25, 6.3.B
Parker's Gade Fm	Ballinacra	siltstone
"	"	"
"	"	"
"	"	"
BLM	2km W of Piltown	packstone
"	"	recrystallized packstone
Killoran Fm	4km E of Ballinacra	lithomarge
"	"	"
"	"	"
"	"	"
? Silverspring Fm	Castletown, Co. Kilkenny	chert and dolomite
— " —	"	"
— " —	"	"

Section No.

P 9199

P 9200

P 9201

Sample No.

Lingam 151

Carroll 155A

Collector

Martin Keely

J. F. Fennell

Rock

Silver Spring Fm.

ILM

Location

River lingam, Gregg, 3km NE Carroll

River Suir, opposite Carroll Centre, Carroll

Rock
Silver Spring fm
1LM

Location
River Lingham, Gregg, 3km NE Carrick
River Suir, opposite Carrick Castle, Carrick

Remarks
recrystallized pelite
recrystallized dolomite/sparte

CONTINUED
AT P10601

TCD. NO.	FIELD NO.	COLLECTOR	ROCK- TYPE	LOCALITY
P9397		J. Eason		
P9401	AA 601	W. SHEPPARD	Unit 3 Siliceous tuff.	1040-60 at 123'
P9402	AA 612	"	" " Chloritic tuff.	1040-61 at 38'
P9403	AA 631	"	" " Sericitic tuff.	1040-63 at 405'
P9404	AA 632	"	" " "	1040-63 at 374'
P9405	AA 634	"	Unit 5 Flow.	1040-63 at 45'
P9406	AA 661	"	"	1040-66 at 15'
P9407	AA 662	"	"	1040-66 at 52'
P9408	AA 701	"	Unit 3 Sericitic tuff.	1040-70 at 319'
P9409	AA 702	"	" " "	1040-70 at 338'
P9410	AA 714	"	" " "	1040-71 at 180'
P9411	AA 715	"	" " "	1040-71 at 200'
P9412	AA 716	"	" " "	1040-71 at 289'
P9413	AA 717	"	" " "	1040-71 at 500'
P9414	AA 718	"	" " Siliceous tuff.	1040-71 at 460'
P9415	AD 528	"	Unit 1 Intermediate flow.	loc. 366
P9416	AD 528A	"	" " Lapilli tuff.	loc. 366
P9417	AD 531	"	" " Tuff.	loc. 371
P9418	AD 581	"	" " Lapilli tuff.	loc. 460
P9419	AD 586	"	" " "	loc. 464
P9420	B 221	"	Unit 4c Tuff.	Pond Lode pit NW
P9421	B 222	"	Unit 4d "	" " " "
P9422	B 226	"	Unit 3 Siliceous tuff.	" " " "
P9423	B 234	"	Unit 4e Phyllite	" " " "
P9424	B 268	"	" " "	" " " "
P9425	B 274	"	Unit 5 Flow	" " " "
P9426	B 274A	"	" " "	" " " "
P9427	BB 412	"	Unit 3 Siliceous tuff.	DPH B41 at 434'
P9428	BB 414	"	Unit 4c Tuff.	B 41 at 41'
P9429	BB 416	"	Unit 4d " ?	B 41 at 423'

ROCK-TYPE

LOCALITY

REMARKS

aceous tuff.
 oritic tuff.
 oritic tuff.

W.

icitic tuff.

aceous tuff.
 intermediate flow.

pilli tuff.

ff.
 pilli tuff.

ff.

aceous tuff.

yllite

ow

aceous tuff.

?

1040-60 at 123'

1040-61 at 38'

1040-63 at 405'

1040-63 at 374'

1040-63 at 45'

1040-66 at 15'

1040-66 at 52'

1040-70 at 319'

1040-70 at 338'

1040-71 at 180'

1040-71 at 200'

1040-71 at 289'

1040-71 at 500'

1040-71 at 460'

loc. 366

loc. 366

loc. 371

loc. 460

loc. 464

Pond L rde pit H/W

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

DDH B41 at 434'

B41 at 41'

B41 at 423'

TCD. No.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
Pg430	BB461	W. SHEPPARD	Unit 4c Tuff.	B46 at 149'
Pg431	BB464	"	Unit 4d "	B46 at 250'
Pg432	BB472	"	Unit 3 Siliceous Tuff.	B47 at 120'
Pg433	BB473	"	" " " "	B47 at 200'
Pg434	BL553	"	Unit 1 tuff.	loc. 407.
Pg435	BL553(1)	"	" " " "	" "
Pg436	BL555	"	Unit 1 rhyolite dyke.	loc. 412
Pg437	BL556	"	Unit 1 tuff.	loc. 413
Pg438	BL556(1)	"	" " " "	loc. 413
Pg439	BL556(1)	"	" " " " slow	loc. 413
Pg440	BL557	"	Greenstone.	loc. 414
Pg441	BL558	"	Unit 1 tuff.	loc. 415
Pg442	BL558(5)	"	" " " "	loc. 415
Pg443	BL564	"	" " Sericitic tuff.	loc. 427
Pg444	BL564(1)	"	" " " "	loc. 427
Pg445	BM546	"	Greenstone.	loc. 392
Pg446	BM548	"	" " " "	loc. 396
Pg447	BM550	"	" " " "	loc. 399
Pg448	BM552	"	Unit 1 lithic tuff.	loc. 405 (float)
Pg449	BR1	"	Unit 2 rhyolite.	Bell rock.
Pg450	BR2	"	" " " "	"
Pg451	BR3	"	" " " "	"
Pg452	BR4	"	" " " "	"
Pg453	BR5	"	" " " "	"
Pg454	BR6	"	" " " "	"
Pg455	BR9	"	" " " "	"
Pg456	BR9a	"	" " " "	"
Pg457	BR10	"	" " " "	"
Pg458	BR11a	"	" " " "	"
Pg459	BR12	"	" " " "	"
Pg460	BR13	"	" " " "	"
Pg461	BR198a	"	" " " "	"
Pg462	BR208	"	" " " "	"

ROCK - TYPE

LOCALITY

REMARKS

Tuff.

liceous Tuff.

Tuff.

olite dyke.

low

itic tuff.

e.

ic tuff.
yolite.

B46 at 149'

B46 at 250'

B47 at 120'

B47 at 200'

loc. 407.

loc. 412

loc. 413

loc. 413

loc. 413

loc. 414

loc. 415

loc. 415

loc. 427

loc. 427

loc. 392

loc. 396

loc. 399

loc. 405 (float)

Bell rock.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
Pg463	BR 209	W. SHEPPARD	Unit 2 Rhyolite.	Bell rock.
Pg464	BR 210	"	" " "	"
Pg465	C1a	"	Pyritic breccia.	Cronebane Rhyolite %c.
Pg466	C1b	"	" "	" " "
Pg467	C1c	"	" "	" " "
Pg468	C375	"	Unit 4b tuff.	East Cronebane 11E
Pg469	C378	"	Unit 4 Sericitic tuff.	Cronebane pit 8E
Pg470	C382	"	Unit 4c tuff.	" " H/W
Pg471	C382a	"	" " "	" " "
Pg472	C394	"	Possible rhyolite block.	" " 1/W
Pg473	C402(i)	"	Unit 4b tuff.	E/W of Cronebane Rhyolite
Pg474	C402(ii)	"	" " "	" " "
Pg475	C421	"	Unit 4 Sericitic tuff.	Cronebane pit H/W, 2W
Pg476	C428	"	From Unit 4g.	" " "
Pg477	C562	"	Unit 2 tuff.	loc. 419
Pg478	C563	"	Unit 2.	loc. 420
Pg479	C571	"	Unit 3 siliceous tuff.	loc. 440
Pg480	C574(i)	"	Unit 2 lithic tuff.	loc. 448
Pg481	C577	"	Vesicular greenstone.	loc. 451 (float)
Pg482	CC131	"	Ribbon group.	Corral Lake drill hole
Pg483	CC132	"	" "	" " "
Pg484	CF836	"	" " (Mafic dyke).	loc. 355
Pg485	CN62	"	Unit 4c tuff.	-CON 6 at 190'
Pg486	C.O.P.	"	Rhyolite breccia.	Float, Cronebane pit
Pg487	EC106	"	Unit 3 sericitic tuff.	EC 22 at 248'
Pg488	EE101	"	" " "	1410-2 at 32'
Pg489	EE103	"	" " "	" " 176'
Pg490	EE108	"	" " f/w Breccia.	" " 21'
Pg491	EE109	"	" " "	" " 18'
Pg492	EX201	"	Unit 2 Rhyolite.	EX1 at 38'
Pg493	EX302	"	" " "	EX3 at 113'
Pg494	EX312	"	Porphyry dyke.	EX3 at 270'
Pg495	GG682	"	Unit 3 Sericitic tuff.	1670-68 at 125'

ROCK - TYPE

LOCALITY

REMARKS

ce.

a.

tic tuff.

te block.

tic tuff.

aceous tuff.

hic tuff.

greenstone.

oup.

(Mafic dyke).

tuff.

breccia.

icitic tuff.

/w Breccia.

hyolite.

dyke.

icitic tuff.

Bell rock.

Cronebane Rhyolite %c.

East Cronebane IIE

Cronebane pit 8E

" " H/W

" " I/W

F/W of Cronebane Rhyolite

Cronebane pit H/W, 2W

loc. 419

loc. 420

loc. 440

loc. 448

loc. 451 (float)

Corral Lake drill hole

loc. 355

-CON 6 at 190'

Float, Cronebane pit

EC 22 at 248'

1410-2 at 32'

" " 176'

" " 21'

" " 18'

EX1 at 38'

EX3 at 113'

EX3 at 270'

1670-68 at 125'

Breccia texture.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
Pg496	GG 751	W. SHEPPARD	Unit 3 Sericitic tuff.	670-75 or 40'
Pg497	KC 501	"	" " greenstone.	Exp. 303.
Pg498	KC 503	"	" " Dark eye tuff.	Exp. 304.
Pg499	KH 538	"	Greenstone.	Exp. 381.
Pg500	KH 542	"	"	Exp. 384.
Pg501	KH 543	"	"	Exp. 385.
Pg502	KH 544	"	"	Exp. 386.
Pg503	KM 828	"	Unit 2 Lithic tuff.	Exp. 828.
Pg504	KM 8281	"	" " " "	Exp. 828.
Pg505	KM 8282	"	" " " "	Exp. 828.
Pg506	KM 831	"	Unit 1 Tuff.	Exp. 831.
Pg507	KM 834	"	" " " "	Exp. 834.
Pg508	KM 835	"	" " " "	Exp. 835.
Pg509	KN 509	"	Fine greenstone.	Exp. 315 (front).
Pg510	KN 510	"	Unit 3 Tuff.	Exp. 316 (").
Pg511	KN 511	"	" " " "	Exp. 317.
Pg512	KN 514	"	Fine greenstone.	Exp. 320.
Pg513	KN 516	"	" " " "	Exp. 321.
Pg514	KN 517	"	Unit 1 Tuff.	Exp. 324/325.
Pg515	KN 518	"	Unit 1 lithic tuff	Exp. 330 (front).
Pg516	KN 521	"	Greenstone.	Exp. 341.
Pg517	KN 522	"	? Ribband Group Tuff.	Exp. 342.
Pg518	KN 524	"	Greenstone.	Exp. 344.
Pg519	KN 525	"	"	Exp. 349.
Pg520	MA 308	"	Unit 3 Sericitic Tuff.	Margaret Adit M 21.
Pg521	MA 314	"	" " " "	" " M 13.
Pg522	MA 315	"	Unit 2 Rhyolite.	" " M 12.
Pg523	MA 316	"	" " " "	" " M 11.
Pg524	MA 354	"	Unit 4 Sericitic Tuff.	" " Level F/W.
Pg525	MA 354A	"	" " " "	" " " "
Pg526	MA 356	"	Unit 5 flow.	" " H/W
Pg527	PL 2	"	Unit 3 Siliceous breccia.	1370 E F/W.
Pg528	PL 11	"	Unit 4 Phylite.	1040 x/c 8W.

ROCK- TYPE

LOCALITY

REMARKS

itic tuff.

stone.

eye tuff.

itic tuff.

stone.

me.

tuff

Group Tuff.

itic Tuff.

gylite.

itic Tuff.

w.

aceous breccia.

gylite.

1670- 75 at 40'

Exp. 303.

Exp. 304.

Exp. 381.

Exp. 384.

Exp. 385.

Exp. 386.

Exp. 828.

Exp. 828.

Exp. 828.

Exp. 831.

Exp. 834.

Exp. 835.

Exp. 315 (front).

Exp. 316 ().

Exp. 317.

Exp. 320.

Exp. 321.

Exp. 324/325.

Exp. 330 (front).

Exp. 341.

Exp. 342.

Exp. 344.

Exp. 349.

Margaret Adit M 21.

" " M 13.

" " M 12.

" " M 11.

" Level F/W.

" " "

" " H/W

1370 E F/W.

1040 x/c 8W.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
P9529	PL12	W. SHEPPARD	Unit 4 Phyllite.	1040 X/c 8W.
P9530	PL25A	"	Unit 3 Siliceous Tuff.	1370 E F/W.
P9531	PL36	"	" " " "	1370 W F/W.
P9532	PL323	"	Unit 4 Sericitic Tuff.	1040 8W X/c.
P9533	PL331	"	" " " "	1040 H/D 10W.
P9534	PL333(I)	"	" " " "	" " 6W.
P9535	PL333(II)	"	" " " "	" " " "
P9536	PL335	"	" " " "	" " 7W.
P9537	PL337	"	" " " "	" " 9W.
P9538	PL367	"	Siliceous Sericitic Tuff.	1121 E X/c.
P9539	PLD 1	"	Unit 3 Chloritic Tuff.	PLD 15 at 39'.
P9540	Q.E.T.	"	" " Qtz. eye tuff.	Float.
P9541	RD 592	"	Unit 1 Rhyolite dyke.	473.
P9542	RR 301	"	Chloritised granodiorite.	DDH R3.
P9543	RR 305	"	" " " "	" " " "
P9544	RT 560	"	Biotite diorite.	ln. 416.
P9545	RT 561	"	Unit 2 chloritic tuff.	ln. 418.
P9546	SL 2	"	Unit 3 " "	1920 level.
P9547	SL13A	"	" " " "	1920W 1W X/c.
P9548	SL13B	"	" " " "	" " " "
P9549	SL13C	"	" " " "	" " " "
P9550	SL 286	"	" " " "	2000 level adjacent to grizzly.
P9551	SL 287	"	" " " "	" " " "
P9552	SL 288	"	" " " "	" " " "
P9553	SL 289	"	" " " "	" " " "
P9554	SL 290(I)	"	" " " "	" " " "
P9555	SL 290(II)	"	" " " "	" " " "
P9556	SL 291	"	" " " "	" " " "
P9557	SL 292	"	" " " "	" " " "
P9558	SL 293	"	" " " "	" " " "
P9559	SL 294	"	" " " "	" " " "
P9560	SL 295	"	" " " "	" " " "
P9561	SL 296	"	" " " "	1920 2E X/c.

ROCK - TYPE

LOCALITY

REMARKS

se.

ens Tuff.

itic Tuff.

itic Tuff.

itic Tuff.

eye tuff.

white dyke.

granodiorite.

ite.

chloritic tuff.

1040 X/c 8W.

1370 E F/W.

1370 W F/W.

1040 8W X/c.

1040 H/D 10W.

" " 6W.

" " "

" " 7W.

" " 9W.

1121 E X/c.

1LD 15 at 39'.

Flora.

473.

DDH R3.

" "

1r. 416.

1r. 418.

1920 level.

1920W 1W X/c

" " "

" " "

2000 level adjacent to grizzly.

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

1920 2E X/c

TCD. NO.	FIELD NO.	COLLECTOR	ROCK- TYPE	LOCALITY
P9562	SL 297	W. SHEPPARD	Unit 3 chloritic Tuff.	1920 2E x/c
P9563	SL 298	"	"	"
P9564	SL 299	"	"	"
P9565	SL 371	"	"	2000 u/c 6E
P9566	SL 638	"	Mafic Dyke.	1926 level.
P9567	TG 110	"	Unit 2 lithic tuff.	Exp. 107.
P9568	TG 112	"	" " " "	Exp. 104.
P9569	TG 113	"	" " " "	Exp. 105.
P9570	TG 117	"	" " " "	Exp. 105.
P9571	TG 118	"	" " " "	Exp. 105.
P9572	TG 122	"	" " Rhyolite.	Exp. 106.
P9573	TG 149	"	" " "	Exp. 113.
P9574	TG 158	"	" " Tuff.	Exp. 116.
P9575	TG 178	"	" " Rhyolite.	Exp. 123.
P9576	TG 180	"	" " Tuff.	Exp. 123.
P9577	TG 183	"	" " Rhyolite.	Exp. 126.
P9578	TG 187	"	" " Tuff.	Exp. 128.
P9579	U.P. 1.	"	Diorite body.	Kilmacrae X-roads.
P9580	U.P. 2.	"	Greenstone.	Castlemacadam.
P9581	U.P. 3.	"	"	"
P9582	U.P. 4.	"	"	Besides Brown's Pub.
P9583	U.P. 5.	"	Unit 5 flow.	D.D.H. 1040-63.
P9584	WL 6	"	Unit 3 Sericitic tuff.	1265 x/c
P9585	WL X	"	" " "	"
P9586	XX 042	"	" " Tuff.	2000-4 nr 254'.
P9587	1040-1	"	Unit 5 flow (sheared).	1040 x/c 8W.
P9588	1121-1	"	Unit 4 Sericitic Tuff.	1121 x/c east.
P9589	BA7-2	"	Siliceous Tuff.	Jack's Hole, Brittas Bay.
P9590	ARK-2	"	Tuff.	Arklow Head.
P9591	ARK-3	"	"	"
P9592	ARK-4	"	Diorite.	"
P9593	KR 594	"	Fine Unit 1 Tuff.	Exp. 479.
P9594				

ROCK-TYPE	LOCALITY	REMARKS
lavitic Tuff.	1920 2E x/c	
	2000 u/c 6E	
	1920 level.	
	Exp. 107.	
	Exp. 104.	
	Exp. 105.	
	Exp. 105.	
	Exp. 105.	
hyalite.	Exp. 106.	
	Exp. 113.	
Tuff.	Exp. 116.	
Rhyolite.	Exp. 123.	
Tuff.	Exp. 123.	
Rhyolite.	Exp. 126.	
Tuff.	Exp. 128.	
Ag.	Kilmacrea X-roads.	
	Castlemacadam.	
	Besides Brown's Pub.	
	D.D.H. 1040-63.	
lavitic tuff.	1265 x/c	
	2000-4 at 254'.	
on (sheared).	1040 x/c 8W.	
lavitic Tuff.	1121 x/c east.	
Tuff.	Jack's Hole, Brittas Bay.	
	Arlow Head.	
Tuff.	Exp. 479.	

Magnetic.

TCD. NO. FIELD NO. COLLECTOR

ROCK-TYPE

LOCALITY

89595

89600

89601

M. Boland

89627

Thin section number	Field number	Collector	Rock (incl. stratigraphic age)		Locality
P9791		M. Boland			
P9792					
P9793					
P9794					
P9795					
P9796					
P9797					
P9798					
P9799					
P9800					
P9801	S19	E. Van der Thien	purple + iron rich lag conglomerate	ORS (Upper)	NW Beara coast per. Near Eyeries
P9802	S18	E. Van der Thien	grey lag congl.	ORS (Upper)	NW coast of Beara per. Near Eyeries
P9803	S25	E. Van der Thien	grey calc lag. congl.	ORS (Upper)	Coast bet. Rabis pt + Eyeries
P9804	S16	E. Van der Thien	green M. sst.	ORS (Upper)	Coast bet. Rabis pt + Eyeries
P9805	S6a.	E. Van der Thien	green fine sst	ORS (Upper)	NW Beara per. coast line
P9806	S5	E. Van der Thien	M.F. Fe rich sst.	ORS (Upper)	NW Beara per. coast line
P9807	Z	E. Van der Thien	Purple/grey silty sst.	ORS (Upper)	near Eyeries village
P9808	S1	E. Van der Thien	green v. fine sst + calc nodules + dolomite	ORS (Upper)	near Urbin village
P9809	X	E. Van der Thien	M.C. sst lag + silty fls.	ORS (Upper)	NW coast of Beara near Eyeries
P9810	A	E. Van der Thien	Silty/F. flaggy sst. purple	ORS (Upper)	Near Eyeries village
P9811	864	J. David Johnston	Sillimanite pelite	Dalradian	kleingort Hill, S of Gweebarra
P9812	593	J. David Johnston	Semipelite	"	Gweebarra River, Co. Donegal
P9813	746	J. David Johnston	Biotite granodiorite		north of .., ..
P9814	55	J. David Johnston	Biotite granite		.., ..
P9815	347	J. David Johnston	Granodiorite		South of .., ..
P9816	324	J. David Johnston	Metadolerite		West of Derkmore Lough, Co. Donegal
P9817	101	J. David Johnston	Biotite granite		N.W. of kleingort Hill, Co. Donegal
P9818	190	J. David Johnston	Dioritic gneiss		Gweebarra River, Co. Donegal
P9819	662	J. David Johnston	Tornblende gneiss		Straboy Hill, Co. Donegal
P9820	180	Brid M. Scannlain	very fine argillaceous calcarenite	Asbian or younger	Ditoge stream 2 miles W of Castle Island
P9821	129	Brid M. Scannlain	stromalectis rich, recrystallised micrite	late Gurecyan - Chadian	large quarry 2 " " " "
P9822	127	Brid M. Scannlain	v. coarse calcarenite - crinoidal mainly		Ballyegan quarry 3 miles W Castle Island
P9823	127	Brid M. Scannlain	recrystallised micrite large goniatite Gastrioceras	late Gurecyan - Chadian	Ballyegan quarry " " " "

Remarks.

purple/white sst + silty fobs. | Eyles sst
mbn.

Weathered lag.

Parallel and cross bedded.

Eyles sst mbn.

Calcitic nodules.

coarse sst lag + silty fobs. (Eyles
sst-mbn)

Eyles sst mbn.

F₄ minor fold closure

Thorr

Travenagh Bay

Ditoge stream	2 miles W of Castle Island
Large quarry	2 " " " "
Ballyegan quarry	3 miles W of Castle
Ballyegan quarry	" " " "

Myotonised Main Donegal Granite

law occurs interbedded with chert ^{has reef} top of
curved cleavage fractures in goniatite. ∴
" " " are 2.

Thin section number	Field number	Collector	Rock including Stratigraphic age	Locality
P9824	216	Bríd Ní Scannláin	limestone breccia crinoid Waulsortian.	2 miles on Killarney rd. from Bostleiland.
P9825	236	Bríd Ní Scannláin	coarse crinoid calcarenite late burren.	Nd of Southern Western Railway
P9825	287	Zeff Klinkenberg	Old Red s/s upper devonian.	Sanded bay Hook Head
P9826	134	Zeff Klinkenberg	limestone lower upper Tournaisian	Hook Head limestone (upper)
P9827	278	Zeff Klinkenberg	Old Red s/s conglomerate upper devonian	Sanded bay Hook Head
P9828	271	Zeff Klinkenberg	Qtz s/s ORS facies Oldtown Bay fm.	House land bay Hook Head
P9829	254	Zeff Klinkenberg	calcareous s/s Portersgate fm	Woarwoy bay Hook Head
P9830	152	Zeff Klinkenberg	Dolomite lower Carboniferous	Willk Cove Hook Head
P9831	241	Zeff Klinkenberg	L/s lower unit (TN lower upper)	Patricks bay Hook Head
P9832	175	Zeff Klinkenberg	L/s breccia (lower unit)	Rock well Hook Head
P9833	255	Zeff Klinkenberg	Old Red s/s Oldtown Bay fm	Woarwoy bay Hook Head
P9834	165	Sarah Hall	Fine grey ss - Cenghan Formation Dev	NE slopes Cenghan Hill Co. Waterford
P9835	333	Sarah Hall	Conglomerate - Camstringham fm U. Dev	NW slopes Cenghan Hill
P9836	333	Sarah Hall	Conglomerate	"
P9837	143	Sarah Hall	Ballyhest conglomerate (greywacke) Llandovery	Ballyhest + roads Carrick in Suir road
P9838	158	Sarah Hall	Conglomerate - Upper Devonian	South slopes Cenghan Hill, Co. Waterford
P9839	199	Sarah Hall	Quartz conglomerate U. Devonian	"
P9840	110	Sarah Hall	Coarse green ss. Occasional clasts. U. Dev.	N ^W road to fens, Sth of Cenghan Hill
P9841	276	Sarah Hall	Fine grey ss. U. Devonian	N ^W contact with Camstringham fm Cenghan Hill
P9842	141	Sarah Hall	Dark green igneous rock	Clanea castle N ^W Clanea Co. Waterford
P9843	203	David Mullen	Vesicular Dacite	Vinegar Hill Ennisconrthy
P9844	150	David Mullen	Fine grained crystal tuft	Brownswood quarry Ennisconrthy
P9845	313	David Mullen	Fine grained crystal tuft	Monegar Co. Wexford
P9846	324	David Mullen	Fine grained crystal tuft	Knock Rangle Co Wexford
P9847	179	David Mullen	Pumice tuft	Templeshannon Ennisconrthy
P9848	148	David Mullen	Dolerite	Brownswood Ennisconrthy
P9849	192	David Mullen	Granodiorite	Ennisconrthy
P9850	134	David Mullen	granophyre	Salville Ennisconrthy
P9851	137	David Mullen	Acidic glass	Brownswood Ennisconrthy
P9852	210	Genet Gully	Med grained biotite granite	Craghy Co. Donegal
P9853	104	Genet Gully	Coarse grained qtz-mica diorite	Craughy Co Donegal
P9854	245	Genet Gully	Medium grained biotite granite	Meenakota Co Donegal
P9855	341	Genet Gully	Semi pelite	Lough Keel Co Donegal

including stratigraphic age
 breccia crinoid Waulsortian.
 nodal calcarenite late burren.
 Red s/s upper devonian.
 e stone lower upper Tournaisian
 red s/s conglomerate upper devonian
 s/s ORS facies Oldtown Bay fm.
 various s/s Portersgate fm
 granite lower Carboniferous
 s lower unit (In lower upper)
 s breccia (lower unit)
 red s/s Oldtown Bay fm
 grey ss - Congham Formation Dev.
 shale - Carrington fm U. Dev
 unate
 st conglomerate (greywacke) Handorg
 urati - Upper Devonian
 s conglomerate U. Dev
 green ss. Occasional clasts. U. Dev.
 grey ss. U. Dev
 green igneous rock.
 dark Quartzite
 grained crystal tuff
 grained crystal tuff
 grained crystal tuff
 Tuff
 rite
 odonite
 ophyre
 ic glass
 grained biotite granite
 grained qtz-mica diorite
 in grained biotite granite
 i pelite

locality.
 2 miles on Killarney rd. from Bottleland.
 N of Gt. Southern Western Railway
 Sanded bay Hook Head
 Hook Head limestone (upper)
 Sanded bay Hook Head
 House land bay Hook Head
 Woarwoy bay Hook head
 Little Cove Hook Head
 Patricks bay Hook Head
 Rock well Hook head
 Woarwoy bay Hook Head
 NE slopes Congham Hill Co. Waterford
 NW slopes Congham Hill
 " "
 Ballynert + roads. Carrick in. Sun road
 South slopes Congham Hill, Co. Waterford
 " "
 N^W road to faws, Sth of Congham Hill
 N^W contact with Carrington fm. Congham Hill
 Clonea castle N^W Clonea Co. Waterford
 Vinegar Hill Enniscorthy
 Brownswood Quarry Enniscorthy
 Moneygar Co. Wexford
 Knockrathge Co Wexford
 Templeshannon Enniscorthy
 Brownswood Enniscorthy
 Enniscorthy
 Salville Enniscorthy
 Brownswood Enniscorthy
 Craghy Co. Donegal
 Clonahy Co. Donegal
 Meekaheta Co. Donegal
 Lough keel Co. Donegal

Remarks.
 over stylised a lot.
 recrystallised slightly.
 Very fossiliferous.
 Mud flasers
 (House land s/s Member)
 (Bullack park bay dolomite member)
 (fossils slightly silicified).
 Calcite in fill.
 cross bedded (micaceous)
 - Patches of darker silt - burrowed
 " "
 From Congham Formation = Carrington ss.
 " "
 Cross cut by fine quartz veins.
 Unusual schistose fabric
 Calentised.
 }
 Well developed slump of beds
 Basic in comp. - v. strongly chloritised
 Greenschist metamorphism
 pyritised.
 (stylolites) Pressure solution visible in hand sp.
 dyke.
 Mafic d.b.
 Annealed fabric. biotite per
 good S₁ per S₂ at 30°

Thin Section number	Field no.	Collector	Rock type including stratigraphic age	Locality
P9856	410	Quell Gully	Coarse granulite	Lough K Co. Donegal
P9857	104	Quell Gully	Microcline	Creehy Co. Donegal
P9858	434	Quell Gully	Meta dolomite	Lough Creehy Co. Donegal
P9859	634	Quell Gully	Semi pelite	Meenatola Co. Donegal
P9860	210	Quell Gully	Coarse granite	Creehy Co. Donegal
P9861	252	Donald O'Riordan	Med grained biotite granite	S.S.W. of Meenderryherk, Creehy, Co Donegal
P9862	259	"	"	"
P9863	"	"	"	"
P9864	177	"	"	"
P9865	263	"	Granoblastic Semi-Pelite	Meenderryherk, Creehy, Co Donegal
P9866	520	"	Coarse granodiorite	1/2 km NE of Brockagh, Co Donegal
P9867	650	"	Biotite-Sillimanite pelite	Lough Lack Beg 2 1/4 km. W. of Brockagh.
P9868	651	"	Microgranite	Lough Lack More, Co Donegal
P9869	515	JEREMY BROWNE	Andesitic Dacitic tuff.	Duncannon port, Co. Wexford
P9870	539	"	crystal tuff.	Boat slip, Duncannon, "
P9871	520	"	Ash-flow tuff.	Duncannon port, "
P9872	620 B.	"	Spillike.	" "
P9873	620 A	"	Spillite	" "
P9874	535	"	Shale	" "
P9875	408 B	"	Shale	Ballyshann Td., Hookhead "
P9876	508 B	"	mudstone	" " "
P9877	596	"	Vitic tuff.	Duncannon Pier "
P9878	198	Andrew Rowlands	Feldspathic quartzite.	1300m W of Crooked Mt., N.W. Donegal
P9879	335	"	Feldspathic quartzite	750m N " "
P9880	204	"	Pelite	1500m W. " "
P9881	218	"	Calc-silicate.	1350m WSW " "
P9882	158	"	Garnet-diopside skarn.	1600m S by W. " "
P9883	154	"	Coarse granodiorite	1250m SW. " "
P9884	238	"	Fine granodiorite.	2300m SSW. " "
P9885	252	"	Coarse granodiorite	1700m SSW " "
P9886	217	"	Biotite micro granite.	1300m WSW " "
P9887	641	Garard M. Macken	gritty sandstone.	cloontra, Bradford Mt., Co Clare.
P9888	338	"	quartz conglomerate	old Red Sandstone " "

ck type including staurolite, zircon, apophyllite
 coarse granulite
 no adamellite
 e ka dolomite
 semi pelite
 coarse granite
 grained biotite granite

Problastie Semi-Pelite
 coarse granodiorite
 e-sillimanite pelite
 granite
 Dacitic
 tuff.
 hyflow tuff.
 pillike.
 pelite

shale - Cambrian/Ordovician
 shale - Cambrian/Ordovician
 stone - " "
 ic tuff. - Caradoc.
 silic quartzite. Dalradian
 silic quartzite (Riphan)
 silicate.
 - diopside skarn.
 granodiorite.
 granodiorite.
 granodiorite.
 micro granite.
 Sandstone. (Sil)
 conglomerate (Des?)

locality
 high ~~Co~~ Co. Donegal
 Creehy Co. Donegal
 Lough Creehy Co. Donegal
 Meenatona Co. Donegal
 Creehy Co. Donegal
 S.S.W. of Meenderryherk, Creehy,
 Co Donegal

Meenderryherk, Creehy, Co Donegal
 1/2 km NE of Brockagh, Co Donegal
 Lough Lack Beg 2 1/4 km. W. of Brockagh.
 Lough Lack More, Co Donegal.

Duncannon port, Co. Wexford
 Boat slip, Duncannon, "
 Duncannon port, "
 " "
 " "
 " "

Ballyshann Td., Hookhead "

Duncannon Pier "

300m W of Crookator Mt., N.W. Donegal.
 750m N "
 1500m W "
 1350m WSW "
 1600m S by W. "
 1250m SW. "
 2300m SSW. "
 1700m SSW "
 1300m WSW "

clootra, Bradford Mt, Co. Clare.
 old Red Sandstone "

Remarks.
 mafic cts.
 sparsely
 porphyritic

S₁ pool S₂ v little foliation.

P 9861 - P 9864 taken across
 the Travenagh Bay - main Donegal
 granite boundary. Strong qtz ribboning
 recrystallization.

Mildly deformed, lots of Annite + Chlorite
 Good fibrolite development, random orientation
 Good composite planar fabric.

fine grained, Vericulate.
 Annite & Carbonate Alteration
 very fine grained.
 rapidly quenched groundmass.
 Few phenocrysts.
 fine grained, micaceous.

micaceous.
 faintly banded.

And Quartzite Fm. L₂ fabric, mortar
 texture, deformation lamellae
 in quartz.
 Oph. Falcarragh Pelite Fm. S₂ crenulation cleavage
 MP, garnet preserving S₁, MS₄₅ sillimanite.
 L. A. Scardian Mbr.
 Faint schistosity.
 Crookator R. Mbr.

Thorr. Saussuritized
 Chloritized.
 Thorr
 Biotite foliation.

Thorr.
 Saussuritized, chloritized.

Slightly impregnated.

Thin Section Number	Field No.	Collector	Rock Type (Including Stratigraphic age)	Locality
P. 9889	401	Gerard W. Mookan.	Laminated mudstone. (Silurian)	Snary, Broadford Co. Clare.
P. 9890	672	"	Siliceous shale. (Ordovician)	Belvoir, " "
P. 9891	567	"	grey chert. (ord)	Belvoir " "
P. 9892	571	"	grey chert (ord)	Belvoir, " "
P. 9893	800.	"	Bio sparite ls. (Carboniferous)	Enagh & Rds " "
P. 9894	780.	"	Grassy sandstone (Dev)	Enagh Old Red Sandstone.
P. 9895	107.	"	gritty Siltstone (Sil)	Kilcolly " "
P. 9896	690.	"	Buff chert (ord)	Belvoir " "
P. 9897	447	Finbarr C. Murphy	Flow Banded Rhyolite. ^{late-Tremadoc-early Frasnian} Finny Formation. ^{Lough Na Fooley Group}	South of Finny River, Lough Na Fooley, Co. Galway.
P. 9898	381	Finbarr C. Murphy.	Spilitic pillow lava, Bencorragh Formation, Lough Na Fooley Gp.	Near Bencorragh peak (1538'), Lough Na Fooley.
P. 9899	452	Finbarr C. Murphy.	Albite Trachyte lava, basal Silurian, late Glenbony.	North of Killbride Bay, Co. Galway.
P. 9900	449	Finbarr C. Murphy.	Keratophyre, Finny Formation, Lough Na Fooley Gp.	South of Finny River, Lough Na Fooley.
P. 9901	108	Finbarr C. Murphy.	Fine Conglomerate, Rosroe Formation (mid-Silurian)	South-West of Finny River, Lough Na Fooley.
P. 9902	434	Finbarr C. Murphy.	Shalithos brecciated sandstone, Kilbride Fm. ^{late Silurian} Gp.	(M. Mankay) North of Kilbride Bay, Co. Galway.
P. 9903	183	Finbarr C. Murphy.	Limestone breccia, Finny Formation, Lough Na Fooley Gp.	South of Lough Na Fooley, Co. Galway.
P. 9904	422	Finbarr C. Murphy.	Micro-diorite intrusion in Rosroe Fm. ^{late Silurian} Gp.	North of Kilbride Bay, Co. Galway.
P. 9905	561	Neil C. Taylor	Green sandstone, Ardaraun West Sandstone Formation.	Carrowshake Td., Clonbur, Co. Galway
P. 9906	649	Neil C. Taylor.	Albite-trachyte lava. 'Basal Beds' Formation	Ardaraun East Td., Clonbur, Co. Galway
P. 9907	648	Neil C. Taylor.	Mica-schist. Dalradian Schist.	Ardaraun East Td. Clonbur, Co. Galway
P. 9908	624	Neil C. Taylor.	Red sandstone. 'Basal Beds' Formation	Ardaraun East Td. Clonbur, Co. Galway
P. 9909	672	Neil C. Taylor.	Andesite. Igneous intrusive.	Ardaraun East Td. Clonbur, Co. Galway
P. 9910	513 (I)	Neil C. Taylor	Clonbur limestone	Clonbur Co. Galway.
P. 9911	513 (II)	Neil C. Taylor.	Clonbur Limestone.	Clonbur Co. Galway.
P. 9912	532	Neil C. Taylor.	Conglomeratic Sandstone.	Carrowshake Td., Co. Galway.
P. 9913	505	Neil C. Taylor	Dolomitic limestone.	Clonbur, Co. Galway.
P. 9914	280	Cornel A. Coyne.	green-grey sandstone.	Kilbride Bay, Glenties Co. Galway
P. 9915	145	Cornel A. Coyne.	greyish sandstone.	Glenties (Hughmabrid) Co. Galway
P. 9916	43 43	Cornel A. Coyne	red arkosic sandstone.	S. of Kilbride Bay, Co. Galway.
P. 9917	250.	Cornel A. Coyne.	Corneliana schist. ^{basal -} ^{semi pelite.}	Glenties west. Co. Galway.
P. 9918	342	Cornel A. Coyne.	Tardale Ym. red shale.	S. of Kilbride Bay Co. Galway
P. 9920	136.	Cornel A. Coyne.	Corneliana Schist. ^{basal -} ^{semi pelite.}	S. of Kilbride Bay, Co. Galway.
P. 9921	127	Brid Scanlon.	reef dolomite - from solution pit.	Ballygan Quarry.
P. 9922	189	Jergus Conway	Fine-grained greywacke ^{Silurian} ss.	Road to Craggin's Lodge L. Nafooley, Co. Galway

IC TYPE (Including Stratigraphic gr.)

Laminated mudstone. (Silurian)
Siliceous shale. (Ordovician)

Grey chert. (Ord.)

Chert (Ord.)

Br. sparite ls. (Carboniferous)

Sandy sandstone (Dev.)

Silty siltstone (Sil.)

Chert (Ord.)

Low Banded Rhyolite. ^{late-Tremadoc-early Frasn} FINNY FORMATION. ^{Lough Na Fooley}

Basaltic pillow lava, Bencorragh Formation, Lough Na Fooley.

White Trachyte lava, basal Silurian, late Llanvorn.

Teratophyll, Finny Formation, Lough Na Fooley.

Conglomerate, Rosroe Formation (mid-Llanvorn)

Caliche brecciated sandstone, Kilbride Fm. L. Llanvorn.

Trachyte breccia, Finny Formation, Lough Na Fooley.

Micro-diorite intrusion in Rosroe Fm. L. Llanvorn.

Chert sandstone. Ardara West Sandstone Formation.

Trachyte lava. 'Basal Beds' Formation

Schist. Dalriadan Schist.

Sandstone. 'Basal Beds' Formation

Basalt. Igneous intrusion.

Clonbur limestone

Clonbur Limestone.

Conglomeratic sandstone.

Dolomitic limestone.

Green-grey sandstone.

Greyish sandstone.

Red arkosic sandstone.

Coronula schist. ^{basaltic} Semi-pelite.

Torella Ym. Red shale.

Coronula Schist. ^{basaltic} ~~semi-pelite~~

Red dolomite - from solution pit.

Fine-grained greywacke ss. Silurian

LOCALITY

Snary, Broadford Co. Clare.

Belvoir, " " "

Belvoir " " "

Belvoir " " "

Enagh & Rds " " "

~~Enagh~~ Old Red sandstone.

Kilsully " " "

Belvoir " " "

South of Finny River, Lough Na Fooley, Co. Galway.

Near Bencorragh peak (1538'), Lough Na Fooley.

North of Kilbride Bay, Co. Galway.

South of Finny River, Lough Na Fooley.

South-West of Finny River, Lough Na Fooley.

(pp. Llanvorn) North of Kilbride Bay, Co. Galway.

South of Lough Na Fooley, Co. Galway.

North of Kilbride Bay, Co. Galway.

Carrowsheke Td., Clonbur, Co. Galway

Ardara East Td., Clonbur, Co. Galway

Ardara East Td. Clonbur, Co. Galway

Ardara East Td. Clonbur, Co. Galway

Ardara Td. Clonbur, Co. Galway

Clonbur Co. Galway.

Clonbur Co. Galway.

Carrowsheke Td., Co. Galway.

Clonbur, Co. Galway.

Kilbride Bay, Glenties Co. Galway

Glenties (Lynneburg) Co. Galway

S. of Kilbride Bay, Co. Galway

Glenties West. Co. Galway

S. of Kilbride Bay Co. Galway

S. of Kilbride Bay, Co. Galway

pit. Ballygan Quarry.

Road to Craggin's Lodge

L. Na Fooley, Co. Galway

Remarks.

Has a very good graded bedding.

~~Partly red due to iron staining~~

Contains small vein quartz.

Red staining prob due to vein contamination.

Contains small acid crystals.

Displays high quartz inversion to low quartz.

Basal extrusive on ~~Ordovician~~ Ordovician/Silurian unconformity.

Occurs as blocks in tuffaceous matrix, near fault zone.

Post-Wenlock age. Biotite altered to chlorite, & matrix is calcified.

Occurs as dyke.

Found close to Rosol Breena with L. MASK.

THIN SECTION NO.	FIELD NO.	COLLECTOR	ROCK TYPE (Including Stratigraphic Age)	LOCALITY
P9923	X	Jergus Conway	Albite - Trachyte, Silurian	Ridge above Curraneveagh, Co. Galway
P9924	153	Jergus Conway	Rhyolite Breccia, Ordovician	Curraneveagh Co. Galway.
P9925	107	Jergus Conway	Coarse, immature ls. Ordovician	Road to Craggins Lodge, Co. Galway
P9926	278	Jergus Conway	Volcanic Breccia, Ordovician	East of Curraneveagh, Co. Galway
P9927	154	Jergus Conway	Siltstone, greywacke Silurian	Curraneveagh, Co. Galway
P9928	157	Jergus Conway	Block breccia, Ordovician	Curraneveagh, Co. Galway.
P9929	279	Jergus Conway	Lakar, Ordovician	East of Curraneveagh, Co. Galway
P9930	108	Jergus Conway	Gneiss, Ordovician	West of Curraneveagh, Co. Galway
P9931	108	Malachy Mulhall	Letterkeesh grey wacke - (Silurian)	Along Lough Corrib Co. Galway
P9932	601	Malachy Mulhall	Clonbur ls. + chert band - (Silurian)	West of Clonbur Co. Galway
P9933	310	Malachy Mulhall	Felsite along cliff post (Silurian)	West of Clonbur Co. Galway
P9934	274	Malachy Mulhall	Psammite, Connemara schist	N. west of Clonbur Co. Galway
P9935	296	Malachy Mulhall	Psammite, Connemara schist	South mt. cable Co. Galway
P9936	336	Malachy Mulhall	Basal conglomerate ^{Silurian} made up of	South E. mt cable. Co. Galway
P9937	244	Malachy Mulhall	quartz conglomerate (Silurian)	N. of Lough Corrib Co. Galway
P9938	285	Malachy Mulhall	Andesite.	N. of Lough Corrib Co. Galway
P9939	413	Malachy Mulhall	Breccia (Silurian)	faulted area around mt cable Co. Galway
P9940		Clare Shonach	Greensandstone ORS	S. side of Rollymore Road
P9941		Clare Shonach	Fine grey laminated sandstone.	" " "
P9942		Clare Shonach	Grey silt	" " "
P9943		Clare Shonach	Carbonate dolomite nodules	" " "
P9944		Clare Shonach	log.	" " "
P9945	148	Robert Pruckshank	fine green - grey sandstone.	Kilmeelickin area N. Galway
P9946	150	Robert Pruckshank	Connemara Schist - semi pelite.	Kilmeelickin - Breenan area. N. Gal
P9947	150	Robert Pruckshank	" " " "	Kilmeelickin - Breenan area. N. Gal
P9948	139	Robert Pruckshank	" " " "	Breenan N. Galway.
P9949	311	Myles Sheridan		Richworks Quays, Slane, Co. Meath
P9950	126	Myles Sheridan		Hill of Slane, Co. Meath
P9951	109	Myles Sheridan		Slane, Co. Meath
P9952	129	Myles Sheridan		Hill of Slane, Co. Meath
P9953	276	Myles Sheridan		Roadstone Quays, Slane
P9954	Q	Myles Sheridan		" " "
P9955	294	Myles Sheridan		Slane, Co. Meath

fine green - grey sandstone.
Connemara Schist - Semi pelite.
" " " "
" " " "

REALITY

Ridge above Curraneveagh, Co. Galway
Curraneveagh Co. Galway.
Road to Kiggins Lodge, Co. Galway
East of Curraneveagh, Co. Galway
Curraneveagh, Co. Galway
Curraneveagh, Co. Galway.
East of Curraneveagh, Co. Galway
West of Curraneveagh, Co. Galway
Along Lough Corrib Co. Galway
West of Clonbur Co. Galway
West of Clonbur Co. Galway
N. west of Clonbur North W. of Co. Galway
South mt. cable Co. Galway
South E. mt cable. Co. Galway
N. of Lough Corrib Co. Galway
N. of Lough Corrib Co. Galway
Faulted area around mt cable Co. Galway
S. side of Ballyvaughan Head
" " " " " "
" " " " " "
" " " " " "

Kilmeelickin area N. Galway
Kilmeelickin - Breenan area. N Gal
Kilmeelickin - Breenan area. N. Gal
Breenan N. Galway.
Richworks Quarries, Slane, Co. Meath
Hill of Slane, Co. Meath
Slane, Co. Meath
Hill of Slane, Co. Meath
Roadstone Quarries, Slane
" " "
Slane, Co. Meath

REMARKS

conglomerate made up of schist + quartz.

Beara peninsular, S.W. Cork

THIN SECTION NO.	FIELD NO.	COLLECTOR	ROCK TYPE (INCLUDING STRATIGRAPHIC AGE)	LOCALITY
P9956	171	Myles Sheridan		East of Slane, CO. Meath
P9957	277	Myles Sheridan		COALPITS, Slane, CO. Meath
P9958	423 (i)	David Hall		North east Knockakeen hill, Churchhill, Donegal
P9959	423 (ii)	David Hall		" " " " " "
P9960	569	David Hall		Mossfield, Churchhill Co. Donegal
P9961	572	David Hall		" " " " " "
P9962	181	David Hall		Churchhill Co. Donegal
P9963	556	David Hall		East Gortan Lough, Churchhill, Co. Donegal
P9964	610	David Hall		North of Mossfield, Churchhill Co. Donegal
P9965	897	David Hall		West of Gortan Lough Co. Donegal
P9966	941	David Hall		" " " " " "
P9967	271	Deirdre Lewis	Pelite.	Morelack, Ballyshannon, Co. Donegal.
P9968	276	"	Pelite (Schist).	" " " "
P9969	228	"	Metagabbro.	Knader " "
P9970	213	"	Basalt.	" " " "
P9971	228	"	Metagabbro.	" " " "
P9972	272	"	Micaceous schist.	Morelack " "
P9973	228	"	Ecolgite.	Knader " "
P9974	273	"	Pelite.	Ballure " "
P9975	228	"	Metagabbro - ecolgite.	Knader " "
P9976	271	"	Pelite.	Morelack " "
P9977	138	Andrew Hogg	Vesicular lava.	Grange townland, Campile, Co. Wexford.
P9978	163	"	chlorite tuff.	Great Island " "
P9979	194	"	Dust tuff.	Tinnoch " "
P9980	117	"	Vitric ash flow tuff.	Sattmills " "
P9981	203	"	Muddy andesite tuff.	Cole " "
P9982	125	"	Crystal tuff.	Sattmills " "
P9983	156	"	Water lain tuff.	E. of Carrigbawn hill, Tinnoch town, Campile, Co. Wex.
P9984	180	"	Quartz porphyry.	Ballykeerragbag townland, Campile, Co. Wexford.
P9985	170	"	Tuff lava.	Tinnoch Rock, Tinnoch townland, Campile, Co. Wex.
P9986	162	Elisabeth Beckett	Flow rhyolite.	NE of Arthurstown, Co. Wexford.
P9987	163	"	Pumice tuff.	" " " "
P9988	168	"	Andesite (marginal)	Duncannon Point, Co. Wexford.

ROCK TYPE (INCLUDING STRATIGRAPHIC AGE)

LOCALITY

REMARKS

elite.
 Pelite (Schist).
 Metagabbro.
 Basalt.
 Metagabbro.
 Micaceous schist.
 Eclogite.
 Pelite.
 Metagabbro - eclogite.
 Pelite.
 Vesicular lava.
 Chlorite tuff.
 Dust tuff.
 Vitric ash flow tuff.
 Mudly andesite tuff.
 Crystal tuff.
 Water lain tuff.
 Quartz porphyry.
 Tuff lava.
 Flow rhyolite.
 Pumice tuff.
 Andesite (marginal)

EAST OF SLANE, CO. MEATH
 COALPITS, SLANE, CO. MEATH
 North east Knockateen hill, Churchhill, Donegal
 " " " " "
 Mossfield, Churchhill Co. Donegal
 " " " "
 Churchhill Co. Donegal
 East Gortan Lough, Churchhill, Co. Donegal
 North of Mossfield, Churchhill Co. Donegal
 West of Gortan Lough Co. Donegal
 " " " "
 Morelack, Ballyshannon, Co. Donegal.
 " " "
 Knader " "
 " " "
 " " "
 Morelack " "
 Knader " "
 Ballure " "
 Knader " "
 Morelack " "
 Grange townland, Campile, Co. Wexford.
 Great Island " " "
 Tinnoch " " "
 Saltmills " " "
 Corle " " "
 Saltmills " " "
 E. of Carrigbawn hill, Tinnoch town, Campile, Co. Wex.
 Ballykeerrybag townland, Campile, Co. Wexford.
 Tinnoch Rch, Tinnoch townland, Campile, Co. Wex.
 NE of Arthurstown, Co. Wexford.
 " " " "
 Duncannon Point, Co. Wexford.

Strong feldspar & mica fabric. Small felds present.
 Biotite & muscovite alignment. Garnet, plag & messy feldspar.
 Vesicular. Large, well-developed feldspar twins.
 Hydrous alteration. Plag. replaced by carb. & chlorite.
 Corona texture. Garnet rims on opaques.
 Mica, K-feldspar, tourmaline. Texture of sheared granite.
 Hornblende, epidote. Hydrous alteration in single ribs.
 Garnet/mica; garnet/amphibolite. Maybe calcareous.
 Disequilibrium texture. Fine-grained mica replacing plag.
 Strong banding of mica & feldspar.
 Calcite/silica filled vesicles & plag, feldspar/andesite.
 Qtz. & feldspar phenocrysts.
 Occasional crystals, siliceous impregnation, random veining.
 Corrosion by melt of qtz. → change in water vap. pressure.
 Hyaloclastic basic pumice; liq intergration in water env.
 Subaerial ash flow tuff. Moulding of shards. Feldsparich.
 Upgraded clay minerals with v. fractured crystals.
 Either lava or shallow intrusive. [Not a tuff.]
 Ash flow tuff lava, glass, pumice, crystals.
 Snowflake texture, subaerial flow. Rare shards of plag.
 Pumice fraction of a welded tuff.
 Pillows & carbonate indicate subaqueous environment.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P9989	170	Elisabeth Beckett	Andesite (centre of flow).	Duncannon Point, Co. Wexford.
P9990	172	"	" (marginal).	"
P9991	173	"	Vesiculated lava.	"
P9992	174	"	Rhyolite Tuff.	"
P9993	175	"	Basaltic lava.	"
P9994	176	"	Pumice vitric lava.	"
P9995	444	Jahng O'Driscoll	Dark grey bedded chert.	Laharran.
P9996	208	"	Mid grey bioclastic limestone.	Kilmichael East.
P9997	231	"	Brown sandstone.	"
P9998	118	"	Grey mudstone lens (siltstone).	Ringabella (N. of beach).
P9999	490	"	Sandy mudstone.	Tubbrid.
P10000	572	"	Brown sandstone.	Fountainstown.
P10001	710	"	Grey cleaved mudstone.	Farranbrun East.
P10002	350	"	"	Ringabella.
P10003	708	"	Grey mudstone.	Annacarriga.
P10004	Confidential	Paul Rehder	Brecciated basalt	Broughil, Co. Limerick.
P10005	"	"	Trachyte	N. of Caherconlish,
P10006	"	"	Contact (upper) basalt flow & (lower) carbonate.	S.E. Stonepark,
P10007	"	"	Altered basalt dyke.	Nicker,
P10008	"	"	Ankaramite	Linfield,
P10009	"	"	Trachyte.	N. of Hospital ?
P10010	"	"	Altered vesicular basalt dyke.	Stonepark, Co. Limerick.
P10011	"	"	Vesicular basalt.	Rathjordan,
P10012	"	"	(Oolitic) Grapestone.	Knockcorragh,
P10013	L501	Thomas de Brit	Pelitic semipelite.	2 3/4 miles W.S.W. of Pontoon, Co. Ma
P10014	L555	"	Pelite.	2 1/4 " " " "
P10015	L531	"	"	2 1/2 " S.W. " "
P10016	L583	"	"	" " W.S.W. " "
P10017	L709	"	"	2 3/4 " " " "
P10018	L770	"	Granodiorite mylonite with mortar texture.	2 " S. of W. " "
P10019	L799.5	"	" " " "	1 " " " " "
P10020	L217	"	Metadiorite dyke.	2 " S.W. " "
P10021	V. 10021	"	"	"

ROCK-TYPE	LOCALITY	REMARKS
(centre of flow).	Duncannon Point, Co. Wexford.	Iron-rich, interstitial fabric. Sericite.
(marginal).	"	Primary phase of crystallisation. ^{Cavity fill of} carbonate.
ed lava.	"	cf. Arklow Head. Microvesiculation texture.
Tuff.	"	Shardic. Possibly ash-flow.
lava.	"	Extensive sericitisation. Local spilitisation.
nitric lava.	"	Shardic texture with vesicles.
ey bedded chert.	Laharran.	Microcrystalline qtz + rare fibrous chalcedony.
biolastic limestone.	Kilmichael East.	Biomicroite with echinoderm, ostracod & shell fragments.
sandstone.	"	Qtz-arenite. Detrital chert & iron staining.
astone lens (siltstone).	Ringabella (N. of beach).	Microcrystalline detrital qtz. in clay matrix.
mudstone.	Tubbrid.	Med. grained siltstone. Angular → sub-rounded qtz.
sandstone.	Fountainstown.	Sublitharenite. > 60% qtz. + chert. clay matrix.
leaved mudstone.	Farranbrun East.	Almost pure mudstone. Detrital qtz. < 10%.
"	Ringabella.	Mudstone. Qtz. < 15%, clay matrix.
mudstone.	Annacarriga.	Mudstone. Qtz. < 10%. Fe ^{staining} along cracks.
basalt	Broughil, Co. Limerick.	Early stage in brecciation. Minor rotation of fragments.
per) basalt flow & (lower) carbonate.	N. of Caherconlish,	Trachytic texture.
basalt dyke.	S.E. Stonepark,	Basalt fragments in recrystallised carbonate.
te	Nicker,	Relict olivine crystals (chloritised).
vesicular basalt dyke.	Linfield,	Titano - augite magmatic corrosion.
basalt.	N. of Hospital ?	Good trachytic texture.
Grapestone.	Stonepark, Co. Limerick.	Pressure shadow of chlorite on vesicles.
mipelite.	Rathjordan,	Vesicles of carbonate. Note hiatus.
	Knockcorragh,	Ooids, forams, 2ed Algae. Excellent preservation.
	2 3/4 miles W.S.W. of Pontoon, Co. Mayo.	
	2 1/4 " " " " " "	
	2 1/2 " S.W. " " " "	
	" " W.S.W. " " " "	
	2 3/4 " " " " " "	
te mylonite with mortar texture.	2 " S. of W. " " " "	
" " " " " "	1 " " " " " " "	
ite dyke.	2 " S.W. " " " "	

D. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
0022	106	Kevin Fox	Sandstone (Qtz. arenite).	Truskmore, Co. Sligo.
0023	130	"	Limestone (Micrite).	Benbulbin, Truskmore, Co. Sligo.
10024	154	"	" (Biomicrite).	" " "
10025	253	"	Sandstone (Arkose).	" " "
10026	342	"	Limestone (Biomicrite).	Kings Mountain, Benbulbin, Truskmore, Co. Sligo.
10027	357	"	" "	" " "
10028	375	"	" "	" " "
10029	373	"	Shale.	Truskmore, Gleniff, Co. Sligo.
P 10030	373	"	"	" " "
P 10031	292	Basil Bailey	Porphyritic (Microcline) Adamellite.	Ballinasloe.
P 10032	192	"	Tonalite.	Clohoge.
P 10033	207b	"	Altered Granite (Tonalite).	Ballinacor North.
P 10034	207a	"	Aplogranite.	" " "
P 10035	169	"	Banded semi-pelite.	Ballinrush.
P 10036	126	"	" " "	Straghmore.
P 10037	204	"	Muscovite - Tourmaline Schist.	Ballinacor North.
P 10038	323	"	Muscovite - Biotite Schist.	Clohoge.
P 10039	123a	"	Semi-pelitic phyllite.	Glasnamullen.
P 10040				
P 10041				
P 10042				
P 10043				
P 10044				
P 10045				
P 10046				
P 10047				
P 10048				
P 10049				
P 10050				
P 10051	800A	Andrew Young	Gabbroic Xenolith.	In Stream section !!!
P 10052	6100F	"	Highly altered ankaramite.	Stream section of Ribaria dos Esmeitidos.
P 10053	6110	"	Ankaramitic lava.	From top of ridge at Rico Facho.
P 10054	62500	"	Scoraceous ankaramite.	From Ponto do Varadouro.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK - TYPE	LOCALITY
P10055	D III 500	A.W. Young	Phorclitic lava.	On Ponta da Varadouro.
P10056	b 300B	"	Ankaramitic hyaloclastic lava.	Tq of Ribaria dos Esmoitidas.
P10057	c 100D	"	Trachyte breccia.	" " "
P10058	b 901	"	Calcarenite.	" " "
P10059	c 100B	"	Trachyte breccia agglomerate.	" " "
P10060	b 700z	"	Ankaramitic Dyke.	" " "
P10061	b 401	"	Dyke material - trachytic.	Stream section !!!
P10062	H b 500	"	Phorclitic lava.	Inland dyke.
P10063	Kathy Fitzgerald	551	Psammite.	Kilbride Td., Co. Mayo (200 yds S. of Doon Rock Fan)
P10064		550	"	(100 yds S. - " " ")
P10065		7	Amphibolite.	" " "
P10066		1	Spillite.	Finny Td. (100 yds E. of St. Bridgits 2)
P10067		2	Keratophyre.	Kilmore Td. (Kilbride peninsula).
P10068		3	Keratophyre (tholeiite)	Finny Td. (" " ")
P10069		4	Red Sandstone.	" " (" " ")
P10070		5	Quartzose Sandstone.	" " (" " ")
P10071		6	Greywacke.	Kilmore Td. (" " ")
P10072				
P10073				
P10074		P. Boya		
P10075				
P10076				
P10077				
P10078				
P10079				
P10080				
P10081				
P10082		V		
P10083		A. Ormiston	Striped Limestone.	Lixnaw, Co. Kerry.
P10084		"	"	"
P10085		"	"	"
P10086		"	"	"
P10087		"	"	"

ROCK-TYPE

lava.
hyaloclastic lava.
breccia.

breccia agglomerate.

Dyke.
trachytic.

lava.

(tholeiite)

stone.

sandstone.

mestone.

LOCALITY

On Ponta da Varadouro.
Top of Ribaria dos Esmoitados.

Stream section !!!

Inland dyke.

Kilbride Td; Co Mayo (200 yds S. of Doon Rock fault).
(100 yds S. - - - -).

Finny Td. (100 yds E. of St. Bridget's C. Church).

Kilmore Td. (Kilbride peninsula).

Finny Td. (" ").

" " (" ").

" " (" ").

Kilmore Td. (" ").

Lixnaw, Co. Kerry.

REMARKS

Red in hand sample. Augite phenocrysts visible.
White clasts with red matrix.

Sectioned from reworked ?

Iron staining.

2nd. dyke described in thesis.

3rd. dyke described in thesis.

Dalradian.

Mylonitised.

Dalradian.

Ordovician (Bancorragh Fm.) Pillow basalts.

Ordovician (Finny Formation)

Lough Mask Fm. (Silurian) v. fine grained.

Silurian (Lough Mask Fm.) Arcosic Sst.

Silurian (Knock Kilbride Fm.) Skolithos burrows.

Silurian (Lettergesh Fm.) Turbidite sequence.

(J.S. Project) (1982)

TCD. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P10088		A. Ormiston	Striped Limestone.	Lixnaw, Co. Kerry.
P10089		"	"	"
P10090	897-1	S. R. Penney	Tourmalinised Chert.	Comeragh Mnts.
P10091	1638-1	"	"	"
P10092	2383-1	"	"	"
P10093		W. E. A. Phillips	"	Devilsbit Mt., Co. Tipperary.
P10094		"	"	"
P10095		"	"	"
P10096	S189	A. Hogan	Quartz Porphyry	NE of Shangort
P10097	S199	"	"	"
P10098	S252	"	? Tuff	S of Shangort, on E bank of stream
P10099	S235	"	Tuff or lava	S of stream H on boundary bet. tuff
P10100	S266	"	Feldspathic Greywacke/Arkose Sst.	S of Shangort between main pelite &
P10101	S306	"	Tuff	A few yards N of P10101
P10102	S314	"	Tuff	N of Gort
P10103	S386	"	Limestone - Pelsparite	W of stream
P10104	S406	"	Qtz - conglomerate	SW of Townagh on W bank of stream
P10105	S217	T. Prendergast	Argillite	Bed of stream H, E of
P10106	-	"	Coarse greywacke	N of Slieve Rinan
P10107	-	"	Intensely cleaved greywacke	Slieve Rinan, Ballyjamesduff.
P10108	281	"	Red coarse greywacke	Inland Formation, S of L. ? Ramen
P10109	122	"	Micrite	Balladorragh Quarry.
P10110	202	"	Coarse greywacke	2 km S of Ballyjamesduff.
P10111	-	"	Intensely cleaved greywacke	Slieve Rinan shear-zone.
P10112	-	"	Greywacke	" " " " " " " "
P10113	-	"	Intensely cleaved greywacke	" " " " " " " "
P10114	CN	R. McDonnell	Phyllite	" " " " " " " "
P10115	285A	"	Aplite	Bluffs near road, Carrigli
P10116	334	"	Hornfels layer at contact	Off "Glendalough/Glenmalur" Mnt. Trail, 900
P10117	270	"	Granite	River exposure, nr. Coolahingo Br
P10118	335A	"	Psammitic mica schist	W of Carrawaystick brook, at 800' off
P10119	335B	"	Aplite	Exposure in forest c. 200' W. of
P10120	285B	"	Psammite with mica	Drumgoff (nr road).
				Off "Glendalough/Glenmalur Mnt. Trail",

ROCK-TYPE	LOCALITY	REMARKS
mestone.	Lixnaw, Co. Kerry.	
Chert.	Comeragh Mnts.	(A. O'Carroll J.S. Project 1982)
	Devilsbit Mt., Co. Tipperary.	
Porphyry	NE of Shangort	
Lava	S of Shangort, on E bank of stream G.	Hexagonal mineral rplcd by calcite & chlorite
in Greywacke/Arkose Str.	S of stream H on boundary bet. tuff & lava.	Maybe from 'A' part of Banna sequence.
	S of Shangort between main pelite & silt.	
	A few yards N of P10101	
	N of Gort, W of stream G.	V. altered.
ie - Pelsparite	SW of Townagh on W bank of stream F.	
conglomerate	Bed of stream H, E of	
greywacke	N of Slieve Rinan	
ly cleaved greywacke	Slieve Rinan, Ballyjamesduff.	
course greywacke	Island Formation, S of L. ? Ramer	
	Balladorragh Quarry.	
greywacke	2 km S of Ballyjamesduff.	
ly cleaved greywacke	Slieve Rinan Shear-Zone.	
	" " Oldcastle.	
ly cleaved greywacke	" " Shear Zone.	
	Bluffs near road, Carrigli.	
	Off "Glendalough/Glenmalur" Mnt. Trail, 900'-1,000'.	
layer at contact	River exposure, nr. Coolalingo Br.	
	W of Carrawaystick brook, at 800' off zig zags.	
in mica schist	Exposure in forest c. 200' W. of	
	Drumgoff (nr road).	
ce with mica	Off "Glendalough/Glenmalur Mnt. Trail", c. 900'.	

TCP. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P10121	674	T. Cooke	Pelite / semi pelite	/
P10122	280	"	" "	/
P10123	225	"	Pelite	Keeldrum
P10124	198	"	"	Shore at Killult
P10125	303	"	"	Keeldrum
P10126	303	"	"	Close to main road !!
P10127	354	"	Meta-dolerite	Keeldrum
P10128	301	"	Quartzite	Keeldrum Quarry
P10129	156	"	Granite	Ardsbeg
P10130	411	"	Pelite	Killult
P10131	140	R. Bryson	Psammite	/
P10132	401	"	"	/
P10133	344	"	Semi pelite	From Metadolerite aureole, W end Reel
P10134	358	"	Microgranite	/
P10135	400	"	Granite	/
P10136	402	"	Graphitic pelite	Near F3 hinge S.W. Gauglin Sum
P10137	403	"	Pelite	/
P10138	352	"	Semi-pelite	From tectonic ? zone, N centre
P10139	356	"	Metadolerite	W end of Reelan Valley
P10140	523	A. O'Carroll	Gabbro	200' SW of S. Foye
P10141	240	"	Greywacke (fine)	SE of Two Mile River on road
P10142	361	"	Basal Carboniferous conglomerate	SE face Slieve Foye
P10143	125	"	Greywacke (coarse)	E Carlingford Harbour
P10144	358	"	'Vein' in basal Carboniferous.	SE face Slieve Foye
P10145	171	"	Calc. silicate.	SE Slope Barnanave
P10146	574	"	Granophyre	W slopes Carlingford Mntns
P10147	552	"	Pyroxene hornfels screen.	Eagle's Rock.
P10148	402	"	Acidic vein	Lwr. slopes S. Foye.
P10149	116	C. Mandermost	Granodiorite	Tawnaghmore, L. Conn
P10150	146	"	Gneissose granodiorite	" "
P10151	153	"	Epidote amphibolite	" "
P10152	188	"	Mylonitised semipelite	" "
P10153	189	"	Semipelite cataclasite	" "

ROCK-TYPE	LOCALITY	REMARKS
semi pelite	/	
"	/	
	Keeldrum	
	Shore at Killult	
	Keeldrum	
	Close to main road !!	
	Keeldrum	
	Keeldrum Quarry	
	Ardsbeg	
	Killult	
	/	
	/	
	From Metadiorite aureole, W end Reelan valley	
	/	
	/	
	Near F3 hinge S.W. Gangin Summit	
	/	
	From tectonic ? zone, N centre Reelan Valley	
	W end of Reelan Valley	
	200' SW of S. Foye	
	SE of Two Mile River on coast.	
	SE face Shieve Foye	
	E Carlingford Harbour	
	SE face Shieve Foye	
	SE Slope Barnanane	
	W slopes Carlingford Mountain.	
	Engle's Rock.	
	Lwr. Slopes S. Foye.	
	Townaghmore, L. Conn	
	"	"
	"	"
	"	"
	"	"
	"	"
		Sanidinite Facies.

TCD. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P10154	279	C. MacDermot	Biotarite	Tawnaghmore, L. Conn.
P10155	306	"	Biotarite	"
P10156	334	"	Semipelite	"
P10157	336	"	"	"
P10158		A. Ormiston	Porphyritic dyke	Omeath area, Co. Louth.
P10159		"	Doleritic "	
P10160	226	"	Gabbro	Ballintreskin, Carlingford Pen., Co. L.
P10161	241	"	Hornfels	N.W. of Ballintreskin.
P10162	540	"	Granophyre	S.W. of the White Bog, Ballintreskin
P10163	304	"	Near basal gabbro	At N. contact with g/w ("
P10164		"	Greywacke	Coastal side of Ballintreskin Ridge.
P10165	661	"	"	
P10166	508	"	Gabbro	Inland slope of ridge.
P10167	620	D. Fynn	Stannite semi-pelite	Cornamona
P10168	128	"	Schist	"
P10169	(05)	"	Quartzite	"
P10170		"	Semi-pelite	"
P10171		"	"	"
P10172	(155)	"	Amphibolite	"
P10173	(501)	"	Magnetite semipelite	"
P10174	(085)	"	Lamprophyre	"
P10175		"	Lava	"
P10176	3803	P. Synnott	Greywacke	Carnin (S. of main road)
P10177	4262	"	"	W of Dungummin X-roads
P10178	3897	"	"	Beside road in Castlerahan
P10179	38030	"	"	Behind large quarry in Carnin
P10180	38014	"	Argillite	Stream below Kiltorrigh P.O.
P10181	38033	"	"	Kilquilly (stream)
P10182	38910	"	Greywacke	Cornamucklagh - SE of Kilnacrott
P10183	3898	"	"	Mont Prospect Estate
P10184	-	S. Enright	Black pyritic shale	Old Head of Linsale
P10185	-	"	"	"
P10186	-	"	"	"

ROCK-TYPE

LOCALITY

REMARKS

ite
ite
ite
ic dyke
"
h
yre
basal gabbro
cke

lite semi-pelite
te
pelite
bolite
elite semipelite
hroshyre

wacke

ite

acke

pyritic shale

Tawnaghmore, L. Conn.

Omeath area, Co. Louth.

Ballintreskin, Carlingford Pen., Co. Louth.

N.W. of Ballintreskin.

S.W. of the White Bog, Ballintreskin.

At N. contact with g/w (").

Coastal side of Ballintreskin Ridge.

Inland slope of ridge.

Cornamona

Carnin (S. of main road)

W of Dungummin X-roads

Beside road in Castlerahan

Behind large quarry in Carnin

stream below Kiltorrigh P.O.

Kilquilly (stream)

Cornamucklagh - SE of Kilnacrott Abbey

Mont Prospect Estate

Old Head of Kinsale

1983 Lab. Project

TCD. NO.	FIELD NO.	COLLECTOR	ROCK TYPE
P10187	/	I. S. Sanders	
P10188	203	P. Jackson	Slieve Mish Sandstone
P10189	371	"	Kilmurry Aedhian Sandstone
P10190	365	"	Inch Conglomerate
P10191	251	"	Ballymane Mbr. Limestone
P10192	360	"	" " Tuff
P10193	361	"	" " Lst.
P10194	580	M. Boland	Rosbeg Semipelite
P10195	"	"	" "
P10196	631	"	" "
P10197	221	"	" "
P10198	626	"	" "
P10199	147	"	" "
P10200	197	R. Cole	Red Waulsortian
P10201	293	A. Vaughan	Altered Syenite
P10202	233	"	Felsite Dyke
P10203	279	"	Clast from Volcanic Agglomerate
P10204	253	"	Coarse Felsic Tuff
P10205	236	"	" " Agglomerate
P10206	229	"	Altered Pink Syenite
P10207	480	A. Forde	Semipelite
P10208	364	"	"
P10209	404	"	Felsite
P10210	380	"	Psammite
P10211	407	"	"
P10212	407	"	"
P10213	491	"	Gas Breccia Matrix
P10214	347	P. Mc Guinness	Unit 5 of Red Arch fm (Sandstone)
P10215	149	"	Cushendall fm (Sst.)
P10216	441	"	Basalt
P10217	257	"	Dolerite / Basalt
P10218	337	"	White Lst.
P10219	127	"	Welded Tuff Clast in L.O.R.S.

LOCALITY
? Gearhouse Mtn, Dingle, Co. Kerry.
Derrymore Glen, " "
" " " "
Caherconree Mtn. Co. Kerry
" " "
" " "
Dawros Head, Co. Donegal.
" " "
Summy Lough, Rosbeg, Co. Donegal.
Dawros Head, Co. Donegal.
Summy Lough, Rosbeg, Co. Donegal.
Dawros Head, Co. Donegal.
W. side of Ferrit Island, Co. Kerry
Dunmoe, Navan, Co. Meath.
Donaghmore, Navan, Co. Meath.
" "
" "
" "
" "
Above scarp, 200m SE of Loughros Pt. Sch
S. side of Torree Peninsula, Bellaganny
150m W. of Boat slip, Cloghbay
200m W. of breccia vent on S. coast
300m W. of Boat slip, Cloghbay.
" "
On coast, 100m NE of Oweymore, Dru
Glenballyemon, on SW of valley, Linget
At coast, Port Obe, Co. Antrim.
S. of Tievebulliagh, "
Waterfoot, "
Glenballyemon, Lingerham, "
Coshkib, "

ROCK-TYPE

ish Sandstone
Aeolian Sandstone
Conglomerate
ne Mbr. Limestone
" Tuff
" Lst.
Semipelite

ulvarian
Syenite
Dyke
Volcanic Agglomerate
Felsic Tuff
" Agglomerate
Pink Syenite

cia Matrix
- Rd Arch fm (Sandstone)
M fm (Sst.)

/ Basalt
st.
Tuff Clast in L.O.R.S.

LOCALITY

? Gearhouse Mtn, Dingle, Co. Kerry. 2
Derrymore Glen, " " 2
" " " " 2
Caherconree Mtn. Co. Kerry 2
" " " " 2
" " " " 2

Dawros Head, Co. Donegal.

Summy Lough, Rosbeg, Co. Donegal.

Dawros Head, Co. Donegal.

Summy Lough, Rosbeg, Co. Donegal.

Dawros Head, Co. Donegal.

W. side of Ferrit Island, Co. Kerry.

Dunmoe, Navan, Co. Meath.

Donaghmore, Navan, Co. Meath.

"

"

"

"

Above scarp, 200 m SE of Loughros Pt. School, Drumirren.

S. side of Torree Peninsula, Bellaganny

150 m W. of Boat slip, Cloghbay

200 m W. of breccia vent on S. coast of Cloghbay.

300 m W. of Boat slip, Cloghbay.

"

On coast, 100 m NE of Oweymore, Drumirren.

Glenballyemon, on SW of valley, Lingerham, Antrim.

At coast, Port o'be, Co. Antrim.

S. of Tievebullagh,

Watersport,

Glenballyemon, Lingerham,

Coshkib,

REMARKS

L. CARB.

Shows strong S3
from F3 fold axis.

S2 present as indistinct
banding.

No clasts visible.

Contact between 2 dykes.

TCP. NO.	FIELD NO.	COLLECTOR	ROCK- TYPE
P10220	427	P. M ^c Guinness	Semi - pelite
P10221	237	"	Qtz. porphyry
P10222	158	P. Brennan	Gabbro
P10223	105	"	"
P10224	519	"	Basalt lava flow
P10225	513	"	"
P10226	506	"	Gabbro
P10227	497	"	Qtz. porphyry (felsite)
P10228	203	"	Granophyre
P10229	396	"	Gabbro xenolith in granophyre.
P10230	437	"	Hornfelsed Silurian greywacke.
P10231	497	"	Altered Lt. xenolith.
P10232	194	S. O'Neil	Greywacke
P10233	362	"	Fluvial Sandstone
P10234	508	"	Medium Sandstone
P10235	506	"	"
P10236	26859	D. Vance	Granite
P10237	20000	"	Pelite schist
P10238	11907	"	"
P10239	25078	"	Pelite schist
P10240	20911	"	"
P10241	31876	"	Metadiorite
P10242	1189	"	Pelite schist
P10243	37503	"	"
P10244	39,107,000(!)	"	"
P10245		C. Clancy	"
P10246		"	Semi - pelite
P10247		"	Psammite
P10248		P. Hannon	Slate
P10249		"	Feldspar crystal tuff
P10250		"	Slate
P10251		"	"
P10252		K. Mc Bain	Andesite

LOCALITY
Issbaun Burn, Co. Antrim.
S. at Limerick Pt., on coast, Co. Antrim
S.W. slope of the Round Mt., Carlingford
Summit of Trumpet Hill, Carlingford.
S. slope of Slieve Donard, " "
"
"
Quarry at Drummenagh hill SE of Round Mt.
Ballymakellett, N. of Athy river.
Doolough
Quarry at Drummenagh hill Clonbur, Co. Galway. (Arduin west)
Corlin Lough, Clonbur, Co. Galway
Cloghbrack, Co. Galway
Carrick East, Co. Galway
Derrislig, Glen, Co. Donegal
L. Greenan, Glen, Co. Donegal
L. Salt, Glen, Co. Donegal
Meenlaragh, Glen, Co. Donegal
"
L. Greenan, Glen, Co. Donegal
L. Salt, Glen, Co. Donegal
Crockmore, Co. Donegal
Binnadoo, Co. Donegal
Corraun, Achill, Co. Mayo
"
"
Powerscourt Deer park, Co. Wicklow
Dargle Valley, — " —
County Brook, — " —
Powerscourt Waterfall, — " —
Garranus strand, Tramore, Co.

ROCK-TYPE

LOCALITY

REMARKS

te

ry

va flow

ry (felsite)

e

olith in granophyre.

Silurian greywacke.

Lat. xenolith.

andstone

Sandstone

nite

hite

ite

hite

ite

crystal tuff

Issbaun Burn, Co. Antrim.

S. at Limerick Pt., on coast, Co. Antrim.

S.W. slope of the Round Mt., Carlingford, Co. Louth.

Summit of Trumpet Hill, Carlingford.

S. slope of Slieve Donard, "

"

"

Quarry at Drummenagh hill

SE of Round Mt.

Ballymakelott, N. of Arroy river.

Doonbeg

Quarry at Drummenagh hill

Clonbur, Co. Galway. (Arrian west)

Corlin Lough, Clonbur, Co. Galway

Cloghbrack, Co. Galway

Carrick East, Co. Galway

Derriscligh, Glen, Co. Donegal

L. Greenan, Glen, Co. Donegal

L. Salt, Glen, Co. Donegal

Meenlaragh, Glen, Co. Donegal

"

L. Greenan, Glen, Co. Donegal

L. Salt, Glen, Co. Donegal

Crookmore, Co. Donegal

Binnadoo, Co. Donegal

Corraun, Achill, Co. Mayo

"

"

Powerscourt Deer park, Co. Wicklow

Dangle Valley, — " —

County Brook, — " —

Powerscourt Waterfall, — " —

Garranus strand, Tramore, Co. Waterford

Crystal shattered & hybridized.

Not X-shattered or hybridized.

ophimotted texture.

"

Similar to P10223.

Forms dyke / sheet

Good granophyric texture.

Basic-acid hybrid-acid

V. Gr. sch.

TCD. NO. 3 FIELD NO.

COLLECTOR

ROCK-TYPE

LOCALITY

P10253		K. M'Gavin	Ash flow tuff
P10254		C. M'Cormack	Plivine dolerite
P10255		"	"
P10256		R. White	Dolerite
P10257		"	Vulcanic ? basaltic
P10258		"	Greywacke
P10259		"	Fine sandstone
P10260	85/ME/1	B. M'Guff	Granite
P10261	85/ME/2	"	"
P10262	85/ME/3	"	Tourmalite
P10263	85/ME/4	"	Tendzathised pelite
P10264		C. Rogers	Quartzite
P10265		"	Greywacke
P10266	251	P. O'Leary	Quartz / Arkosic Arenite
P10267	119	"	"
P10268	113	"	Unwelded ignimbrite tuffband
P10269		B. Balling	Hornblende Andesite
P10270		"	Feldspathic
P10271		"	Andalusite hornfels
P10272		"	Chloritic semi-pelite
P10273		"	Siltstone
P10274		"	Quartzite
P10275		J. Gower	Limestone
P10276		"	"
P10277	118	A. Duane	Limestone & shale
P10278	621	"	Limestone
P10279	621	"	"
P10280		I. S. Sanders	Nodules in tuffite
P10281		"	"
P10282		"	"
P10283		"	"
P10284		"	"
P10285		"	"

Newtown Head, Tramore, Co. Waterford
 Fair Head Hill, Ballycastle, Co. Antrim
 North Star Dyke, — " —
 Whitewater, Hawth, Co. Dublin
 Red rock Drumleck fm., Hawth, Co. Dub
 Gaskin's Leap, Hawth, Co. Dublin
 Casanna rocks, Pipers fm., Hawth, Co.
 Ballinastoe, Co. Wicklow

Djouce Mountain, Co. Wicklow
 Ballinastoe, Co. Wicklow
 Bray Head, — " —

Mweelrea Fmn., Co. Mayo
 — " —
 — " —

Butter Mountain fm, Glen of Imaal,
 " "
 " "
 " "
 " "

Blackrock, Co. Waterford.
 " "

St. John's Point, Co. Donegal
 " "
 " "

Black Ball Head, Co. Cork.
 " "
 " "
 " "

ROCK-TYPE

LOCALITY

REMARKS

tuff
dolomite

? basaltic

ke
sandstone

ite
chised pelite

Arkosic Arenite

ignimbrite tuffband

Andesite

te hornfels

semi-pelite

ne

to

one

one & shale

tone

in tuffite

Newtown Head, Tramore, Co. Waterford

Fair Head Lill, Ballycastle, Co. Antrim

North Star Dyke, — " —

Whitewater, Howth, Co. Dublin

Red rock Drumleck fm., Howth, Co. Dublin

Gaskin's Leap, Howth, Co. Dublin

Casanna rocks, Pipers fm., Howth, Co. Dublin

Ballinastoe, Co. Wicklow

Djouce Mountain, Co. Wicklow

Ballinastoe, Co. Wicklow

Bray Head, — " —

Mweelrea Fmn., Co. Mayo

Butter Mountain fm, Glen of Imnal, Co. Wicklow.

Blackrock, Co. Waterford.

St. John's Point, Co. Donegal

Black Ball Head, Co. Cork.

TCD. NO. & FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P10286	I. S. Sanders	Nodules in tuffsite	Black Ball Head, Co. Cork.
P10287	"	"	"
P10288	"	"	"
P10289	"	"	"
P10290	"	"	"
P10291	"	"	"
P10292	"	"	"
P10293	"	"	"
P10294	"	"	"
P10295	"	"	"
P10296	"	"	"
P10297	"	"	"
P10298	245 A J. Palmer	Sandstone (volcanic fragments)	Quarry in Gurlens!
P10299	245 B "	Lithic tuff	"
P10300	252 "	Quartz dolerite	Rock of Dem.
P10301	222 "	Boyle Sandstone	Lough Key National Park.
P10302	164 "	Ballymore Limestone	Keeloges
P10303	120 "	Basal Gakport Lst.	Nr. Knockvicar.
P10304	129 "	Upp. Gakport Lst.	Nr. Ardcairn.
P10305	119 "	Kilbrayam Lst.	Glen.
P10306	G. Mooney	Meta basalt	S.W. Lettermulken.
P10307	"	Meta mudstone	S.W. Lettermulken S.C.G.
P10308	"	Meta basalt	Lettermulken S.C.G.
P10309	"	Murvey Granite	Furnace, Galway.
P10310	G73629913 J. Tyrrell	Hornfelsed Andalusite Schist	Cloney Hill, Cloney, Donegal
P10311	G74269714 "	Granodiorite	Lough Derry Duff, Maas, Co.
P10312	G73209888 "	Sillimanite Garnet Hornfels	Cloney, Maas, Co. Donegal.
P10313	G72689920 "	Corianderite Mica Schist	Cloney Hill (N.W.), Cloney, Ma
P10314	B73450025 "	Spotted slate	E. end of Carrickjordan, Narin Str
P10315	G74789939 "	Garnet Bearing hornfels	N. of Kilmacanny Graveyard, Cl
P10316	G77109805 "	Semi-pelite	Maas Upper, Maas, Co. Donegal
P10317	G76359800 "	Mylonitised metadolerite.	N.W. side of Maas, Co. Donegal
P10318	S. Hallinan	Sherkin Formation Sst.	Glanmore, W. Cork.

ROCK-TYPE	LOCALITY	REMARKS
in tuffsite	Black Ball Head, Co. Cork.	
"	"	
"	"	
"	"	
"	"	
"	"	
"	"	
"	"	
"	"	
"	"	
"	"	
one (volcanic fragments)	Quarry in Gurlens!	
tuff	"	
olerite	Rock of Dem.	
Sandstone	Lough Key National Park.	
Limestone	Keelages	
Galport Lst.	Nr. Knockvicar.	
Galport Lst.	Nr. Ardcairn.	
ayan Lst.	Green.	
basalt	S.W. Lettermullen.	
marlstone	S.W. Lettermullen S.C.G.	
basalt	Lettermullen S.C.G.	Recrystallised vesicles.
very Granite	Furnace, Galway.	
fused Andalusite Schist	Cloney Hill, Cloney, Donegal.	Chinastolite Variety.
iodiorite	Lough Derry Duff, Maas, Co. Donegal.	
marble Garnet Hornfels	Cloney, Maas, Co. Donegal.	Fibrolite present.
ierite Mica Schist	Cloney Hill (N.W.), Cloney, Maas, Co. D.	Cordierites show earlier fabric.
ated Slate	E. end of Carrickfadda, Narin strand, Co. D.	Feldspars show earlier fabric.
ner Bearing hornfels	N. of Kilmacanny Graveyard, Cloney, Co. D.	Garnets w. alt. pressure shadows.
mi-pelite	Maas Upper, Maas, Co. Donegal.	Crenulated fabric.
ylonitised metadolomite.	N.W. side of Maas, Co. Donegal.	
erkin Formation Sst.	Glanmore, W. Cork.	

TCD. NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P10319		S. Hallinan	Castlehaven fm. Sst.	Poulogorm Bridge, Glanmore, W. Co.
P10320		"	Toe Head fm. Sst.	Myross Wood, Leag, W. Cork.
P10321		"	W Head fm. Sst.	"
P10322		"	Kinsale fm. Sst.	"
P10323		"	Castlehaven fm. Mudstone & qtz. vein.	Poulogorm Bridge, Glanmore, W. Co.
P10324	GSP	G. Cusack	Garnet semi-pelite	Bismore Bridge,
P10325	137	"	Semi-pelite	S.W. Lough Cuil.
P10326	293	"	Schist	W. of Lough Creeve
P10327	158	M. Rees	Quartzite	- Laver.
P10328	105	"	Granite	Fallagowan
P10329	347	"	"	Ashore
P10330	107	"	"	Fallagowan
P10331	219	"	Mica-schist	Pinkie Hill
P10332	124	F. Long	Lamprophyre dyke	Portnoo Harbour, Donegal.
P10333	113	"	Biotite diorite	Naran Hill.
P10334	181	"	Metadiorite	Naran Hill.
P10335	114	"	Biotite pelite	Naran Hill.
P10336	217	"	Spotted Lst.	Portnoo strand
P10337	141	"	Diorite	Roberg School, Portnoo.
P10338	164	"	Semi-pelite	E. of Shin Lough, N. of Birr
P10339	164a	"	"	" , S. of -
P10340	139	"	Amphibolite pelite	Naran Village
P10341	181	L. Fuscianti	Carbonate felsite dyke.	Bainsmore Village
P10342	181	"	Felsite dyke	"
P10343	309	"	Hornfelsed mica-schist.	Bamlens Gap.
P10344	489	"	Mica-schist.	?
P10345		A. Robinson	Semi-pelite	Inishbofin
P10346		"	Tah-schist	"
P10347		"	/	"
P10348		D. Cullen	Limestone	St Kenny's well
P10349		"	Basalt	Martello Tower, Donabate
P10350				
P10351				

TCD. NO. FIELD NO. COLLECTOR

ROCK-TYPE

LOCALITY

P10352 - P10399 were not used owing to an error whereby P10400 - P10444 were

used twice; first set by S.S. 1984, second set by

P10400	503	M. Sloan	Lamprophyre (Sill rock).
P10401	473B	"	Basaltic lava - type B.
P10402	473B	"	Altered basaltic lava - type A.
P10403	585	"	Hornfelsed shale.
P10404	004B	"	Dolerite (Altered dyke rock).
P10405	313	"	" (Sill rock).
P10406	585	"	Gabbroic intrusive.
P10407	614	"	Semi-pelite (Qtz. schistose)
P10408	501	"	Pelite / Chalk contact.
P10409	3	C. O'Brien	Quartz / feldspar pebbly sst. (Psammite).
P10410	14	"	Fine grained sst. (Biotite pelite).
P10411	52	"	Quartzite
P10412	56	"	Coarse grained quartzite (Biotite psammite).
P10413	57	"	Limestone (Marble)
P10414	59	"	Cleaved fine sst., pyritised (Slate)
P10415	64	"	Siltstone & sst (Pelite)
P10416	67	"	Metadolerite
P10417	69	"	Quartzite w. biotite (Semi-pelite).
P10418	76	H. White	Quartzite (? blastomylonitised).
P10419	63	"	Semi-pelite.
P10420	26	"	Metadolerite.
P10421	72	"	Pelite.
P10422	19	"	"
P10423	706	M. White	Sandstone.
P10424	293	"	Tuff.
P10425	19	"	Porphyry.
P10426	273	"	"
P10427	142 BD	M. Deasy	Metadolerite.
P10428	AD	"	Vein Epidote.
P10429	252	"	Pelite
P10430	285	"	"

Greenamore Hill, Murlough Bay, Co. Antrim

Drogh Point, " "

Carrickmore Intrusion, Fair Head, "

Colliers Port dyke, " "

Fair Head Sill, " "

Carrickmore Intrusion, " "

West Torr, Torr Head, " "

Murlough Bay, W. Torr, Torr Head, " "

~ 200m E. of Lady's Port, Culdaff, Co. DO

Dunmore Head, " "

N. of Bunagee, Carthage, " "

~ 200m NW of Ballybane, Clonca, " "

Black rock, E. end of Culdaff Beach, " "

~ 100m E. of Lady's Port, Culdaff, Co. DO

~ 250m SW of Dunmore Hd. Breakhouse, " "

Craigacars (Kane's Qy), Culdaff, " "

~ 300m SW of Bunagee Port, Culdaff, " "

W. Coast of Fanad, W. of Leatbeg, Co. " "

N. Flank of Cashelmore outcrop No. 365 " "

S. of Leatbeg on crack. Outcrop 322 " "

S. of Louse Ballyheerin inland. Outcrop " "

? Bunagferne Bay - N. shore. " "

Runnet Hill - 3 miles S. of Tourmakeady, Co. " "

Glensank Valley - Greenavn, Co. Mayo " "

" - Tonagleanna, Co. " "

" - Greenavn, Co. MA " "

N. of Killygarvan Point, E. Fanad, Co. " "

" " " "

Locality 252. N. of New Bridge, E. " "

Locality 285. Between ? Easville Hole " "

ROCK - TYPE

or whereby P10400 - P10444 were

e (Sil rock) -

ava - type B.

satic lava - type A.

shale.

tered dyke rock).

Sil rock).

intrusive.

ite (Qtz. schistose)

hale contact.

feldspar pebbly sst. (Psammite).

ained sst. (Biotite pelite).

ained quartzite (Biotite psammite).

e (Marble)

ne sst., pyritised (Slate)

& sst (Pelite)

erite

w. biotite (Semi. pelite).

e (? blastomylonitised).

ite.

ite.

e.

te.

ite.

LOCALITY

used twice; first set by S.S. 1984, second set by Rita Pagar M.Sc.

Greenamore Hill, Murlough Bay, Co. Antrim.

Doon Point, " "

" " "

Carriackmore Intrusion, Fair Head, "

Colliers Port Dyke, " "

Fair Head Sil, " "

Carriackmore Intrusion, " "

West Torr, Torr Head, " "

Murlough Bay, W. Torr, Torr Head, " "

~ 200m E. of Lady's Port, Culwath, Co. Donegal.

Dunmore Head, " "

N. of Bunagee, Carthage, " "

~ 200m NW of Ballybane, Clonca, " "

Black rock, E. end of Culwath Beach, " "

~ 100m E. of Lady's Port, Culwath, Co. Donegal.

~ 250m SW of Dunmore Hd. Boathouse, " "

Craigacars (Kane's Qy), Culwath, " "

~ 300m SW of Bunagee Port, Culwath, " "

W. Coast of Fanad, W. of Leabeg, Co. (Outcrop 285)

N. Flank of Cashelmore outcrop No. 365.

S. of Leabeg on cracc. Outcrop 322.

S. of Louse Ballyheerin inland. Outcrop 431.

? Bu Nofferne Bay - N. shore.

Runnet Hill - 3 miles S. of Tourmakeady, Co. Mayo.

Glensaul Valley - Greenavn, Co. Mayo.

" - Tonagleanna, Co. Mayo.

" - Greenavn, Co. Mayo.

N. of Killygarvan Point, E. Fanad, Co. Donegal.

" " "

Locality 252. N. of New Bridge, E. Fanad, "

Locality 285. Between ? Easville hole & Portbane, "

REMARKS

Pre - Cretaceous.

Carboniferous.

"

Tertiary.

Coarse Variety.

Associated Baked Margin

Associated with graded bedding.

5.8 [2]

5.8 [15]

5.4 [5] - 1m above contact with sil.

12.1 [12a]

5.7 [2] - Culwath Lst.

5.8 [1]

5.8 [6] - ? Fl Bedding / cleavage relationship.

5.7 [56]

5.7 [55]

Possible slide. &

Muddy parting in Ands Qtzite.

V. stained.

V. Arterial.

Coarse grained + prismatic.

Shows granulation cleavage.

? Biotite + Chlorite porphyroblasts.

THIN SECTION NO.	FIELD NO.	COLLECTOR	ROCK TYPE	LOCALITY
P10431	D. Dunne	/	Slate	W. Pawlet, Vermont, USA.
P10432	"	/	Slate veined by dolomite.	Granville, New York, "
P10433	"	/	"	" " "
P10434	"	/	Quartzwacke.	?
P10435	P. Trinick	477	Quartz feldspar porphyry.	Tourmakeady, Co. Mayo.
P10436	S. Enright	H.16	Paraconglomerate.	NW of Croaghan Hse, Farnad, Co. Donegal.
P10437	"	H.22	"	Croaghan Hill, "
P10438	"	H.18	"	Intercept due W of 'G' of Globe above ff. of 30
P10439	"	E.21	Metadiorite.	Most Northerly sill in area!
P10440	E. Crean	/	Sandstone.	Rosroe, Killary Harbour, Co. Mayo.
P10441	O. Sweeney	/	"	E. of Clifton Rd. Leenane, "
P10442	A. M. Nestry	/	Microgranodiorite.	Lough Fee, Killary Harbour, "
P10443	E. Crean	/	? Lamprophyre.	Salrock, " " "
P10444	"	/	Andesite.	" " " "

P	RI	RITA	POLGAR	BIO SPARITE (DOLOMITIZED)	UNIT 7 (L. CARB)	RINN. RIVER BOREHOLE NO.1. CO. LEITRIM	
P10401	RI-19			BIO SPARITE (DOLOMITIZED)			16'
P10402	RI-20	"	"	BIO SPARITE (DOLOMITIZED)	"	"	23'
P10403	RI-89	"	"	BIO SPARITE	"	"	28'
P10404	RI-90	"	"	BIO MIC SPARITE	"	"	42'
P10405	RI-91	"	"	DOLO - BIO MICRITE	"	"	51'
P10406	RI-92	"	"	DOLO - BIO MICRITE	"	"	62'
P10407	RI-93	"	"	DOLO - BIO MICRITE	"	"	73'
P10408	RI-87	"	"	DOLO - BIO MICRITE	"	"	75'
P10409	RI-94	"	"	BIO MICRITE	"	"	81'
P10410	RI-05	"	"	DOLO - BIO MIC SPARITE	"	"	90'
P10411	RI-96	"	"	DOLO - BIO MICRITE	"	"	101'
P10412	RI-01	"	"	DOLO - BIO MICRITE	"	"	114'
P10413	RI-02	"	"	DOLO - BIO MICRITE	"	"	116'
P10414	RI-08	"	"	DOLO - BIO MICRITE	"	"	157'
P10415	RI-25	"	"	DOLO - BIO MICRITE	"	"	201'
P10416	RI-110	"	"	BIO MICRITE	"	"	272'
P10417	RI-115	"	"	DOLO - BIO SPARITE	"	"	291'

ROCK TYPE	LOCALITY	REMARKS
Slate	W. Pawlet, Vermont, USA.	Pyrite pressure shadows.
Slate veined by Dolomite.	Granville, New York, "	Mettawet Slate.
"	" " "	
Quartzwacke.	?	
Quartz feldspar porphyry.	Tourmakeady, Co. Mayo.	
Paraconglomerate.	NW of Croaghan Hse., Fennel, Co. Donegal.	Portaskarig Tillite, Carrankeel Mbr. / ^{Matrix of} Dolomite / greenschist.
"	Croaghan Hill, "	Croaghan Hill Mbr. / in Dolomite.
"	Intercept due W of 'G' of Glebe above ff. of ^{spring} siltst.]	Mountain Bridge Mbr. / v. Quartz rich.
Metadiorite.	Most Northerly silt in area!	
Sandstone.	Rosroe, Killary Harbour, Co. Mayo.	
"	E. of Clifton Rd. Leenane, "	
Microgranodiorite.	Lough Fee, Killary Harbour, "	
? Lamprophyre.	Salrock, " " "	
Andesite.	" " " "	

OSPARITE (DOLOMITIZED)	UNIT 7 (L. CARB)	RINN RIVER BOREHOLE NO. 1. CO. LEITRIM	16' 6"	
OSPARITE (DOLOMITIZED)	"	"	23' 4"	
BIO SPARITE	"	"	28' 8"	BAD THIN SECTION
BIOMIC SPARITE	"	"	42' 0"	DOLOMITITE PRESENT
DOLO - BIOMICRITE	"	"	51' 10"	
DOLO - BIOMICRITE	"	"	62' 0"	
DOLO - BIOMICRITE	"	"	73' 5"	
DOLO - BIOMICRITE	"	"	75' 1"	
BIOMICRITE	"	"	81' 3"	
DOLO - BIOMICSPARITE	"	"	90' 3"	
DOLO - BIOMICRITE	"	"	101' 6"	
DOLO - BIOMICRITE	"	"	114' 0"	
DOLO - BIOMICRITE	"	"	116' 11"	
DOLO - BIOMICRITE	"	"	157' 6"	
DOLO - BIOMICRITE	"	"	201' 3"	
BIOMICRITE	"	"	272' 0"	
DOLO - BIOSPARITE	"	"	291' 9"	BAD THIN SECTION

THIN SECTION NO.	FIELD NO.	COLLECTOR	ROCK TYPE	LOCALITY	
P 10418	R1-11	RITA POLGAR	DOLOMITIC MICRITIC	UNIT 7 (L. CARB)	RINN RIVER BOREHOLE NO. 1. Co. LEITRIM 319'
P 10419	R1-107	"	SANDY DOLO-SPARITE	UNIT 7 (L. CARB)	340'
P 10420	R1-26	"	SANDSTONE (FINE)	UNIT 6 (L. CARB)	350'
P 10421	R1-86	"	SANDSTONE (WITH DOLOMITE) (FINE)	" "	375'
P 10422	R1-49	"	SANDSTONE (FINE)	" "	427'
P 10423	R1-55	"	SANDSTONE (FINE)	" "	470'
P 10424	R1-56	"	DOLOMITE (SANDY)	UNIT 5	483'
P 10425	R1-14	"	GYPSUM	" "	494'
P 10426	R1-117	"	DOLOMITIC SPARITE	" "	519'
P 10427	R1-57	"	SANDSTONE (FINE)	" "	567'
P 10428	R1-15	"	GYPSUM	" "	589'
P 10429	R1-118	"	SANDY MICRITIC	" "	616'
P 10430	R1-16	"	MICRITIC	" "	617'
P 10431	R1-28	"	DOLOMITE	" "	637'
P 10432	R1-119	"	DOLOMITE	" "	652'
P 10433	R1-17	"	MIC-SPARITE	" "	670'
P 10434	R1-120	"	SANDSTONE	" "	690'
P 10435	R1-30	"	SANDSTONE (DOLOMITIC) (FINE)	UNIT 4	714'
P 10436	R1-31	"	SANDSTONE (FINE)	" "	723'
P 10437	R1-32	"	SANDSTONE (MEDIUM)	" "	744'
P 10438	R1-33	"	SANDSTONE (COARSE)	" "	762'
P 10439	R1-34	"	SANDSTONE (FINE)	UNIT 3	780'
P 10440	R1-77	"	SANDSTONE (PEBBLY)	UNIT 2	815'
P 10441	R1-35	"	SANDSTONE (PEBBLY)	" "	822'
P 10442	R1-78	"	SANDSTONE (PEBBLY)	" "	831'
P 10443	R1-79	"	SANDSTONE (PEBBLY)	" "	846'
P 10444	R1-36	"	CONGLOMERATE	UNIT 1	852'
P 10445	R1-37	"	SANDSTONE (PEBBLY)	" "	863'
P 10446	R1-80	"	CONGLOMERATE	" "	870'
P 10447	R1-38	"	SANDSTONE (PEBBLY)	" "	898'
P 10448	R1-81	"	GREY WACKE	(L. PALAEOZOIC)	917'
P 10449	R1-82	"	GREY WACKE	(L. PALAEOZOIC)	922'

ROCK TYPE	LOCALITY		REMARKS
DOLOMITIC BIOMICRITE	UNIT 7 (L-CARB)	RINN RIVER BOREHOLE NO. 1. CO. LEITRIM	319' 6"
SANDY DOLO-SPARITE	UNIT 7 (L-CARB)		340' 3"
SANDSTONE (FINE)	UNIT 6 (L-CARB)		350' 9" DOLOMITIC PRESENT
SANDSTONE (WITH DOLOMITIC) (FINE)	" "		375' 4" DOLOMITIC PRESENT
SANDSTONE (FINE)	" "		427' 8" DOLOMITIC PRESENT
SANDSTONE (FINE)	" "		470' 7" DOLOMITIC PRESENT
DOLOMITIC (SANDY)	UNIT 5		483' 5"
GYPSUM	" "		494' 4"
DOLOMITIC SPARITE	" "		519' 0"
SANDSTONE (FINE)	" "		567' 4" SOME DOLOMITIC PRESENT
GYPSUM	" "		589' 3"
SANDY MICRITE	" "		616' 0" GYPSUM PRESENT
MICRITE	" "		617' 3" WITH SPARRY CALCITE LENSES
DOLOMITIC	" "		637' 3"
DOLOMITIC	" "		652' 6" GYPSUM PRESENT
MIC-SPARITE	" "		670' 4"
SANDSTONE	" "		690' 4" A LITTLE GYPSUM PRESENT
SANDSTONE (DOLOMITIC) (FINE) UNIT 4	"		714' 2" DOLOMITIC
SANDSTONE (FINE)	" "		723' 9"
SANDSTONE (MEDIUM)	" "		744' 3" DOLOMITIC
SANDSTONE (COARSE)	" "		762' 9"
SANDSTONE (FINE)	UNIT 3		780' 11"
SANDSTONE (PEBBLY)	UNIT 2		815' 0"
SANDSTONE (PEBBLY)	" "		822' 4"
SANDSTONE (PEBBLY)	" "		831' 10"
SANDSTONE (PEBBLY)	" "		840' 10"
CONGLOMERATE	UNIT 1		852' 6" DOLOMITIZED
SANDSTONE (PEBBLY)	" "		863' 7"
CONGLOMERATE	" "		870' 8"
SANDSTONE (PEBBLY)	" "		898' 10"
GREY WACKE	(L. PALAEOZOIC)		917' 4"
GREY WACKE	(L. PALAEOZOIC)		922' 7"

TCD. Number	Field Number	Collector	Rock - Type	Locality
P10450	G49	M. DUANE	Basalt	139' - 160', Gortdrum Mine, Co. Tipperary.
P10451	E112	"	Greywacke	142' " " "
P10452	E112	"	Laminated bioclastic limestone	92' " " "
P10453	E108	"	Igneous breccia	218' " " "
P10454	E102	"	Brecciated sandstone	699' " " "
P10455	E102	"	"Ballyvergin shale"	17' " " "
P10456	E102	"	Q.R.S.	1027.5' " " "
P10457	E145	"	Laminated shale	104' " " "
P10458	B7/25(AH-3)	"	Igneous breccia	16-18' " " "
P10459	J, (AH-2)	"	" "	570' " " "
P10460	J, (AH-4)	"	"Ballyvergin shale"	570-575' " " "
P10461	B7/22(AH-1)	"	Igneous breccia	500-520' " " "
P10462	E141	"	Mixed beds	484' " " "
P10463	E102	"	Brecciated granite	1360' " " "
P10464	G168A	"	Igneous breccia	Bench 8 " " "
P10465	G-3	"	Sandstone	Stockpile " " "
P10466	G-5	"	"Ballyvergin shale"	Core " " "
P10467	G-10	"	Igneous breccia	Stockpile 2 " " "
P10468	G-11	"	" "	" " " "
P10469	G-12	"	High grade Cu breccia	" " " "
P10470	G-13	"	Hematized breccia	" " " "
P10471	G-14	"	Sandstone	? " " "
P10472	St-4x(R1)	"	Igneous breccia	Stockpile 4 " " "
P10473	St-2 1/30	"	"	" 2 " " "
P10474	1-OGA35	"	"	" 2 " " "
P10475	St-2 ①	"	"	" 2 " " "
P10476	St-4x-x	"	"	" 4 " " "
P10477	1-OG	"	"	" 2 " " "
P10478	OP-8,	"	"	Temporary Stockpile 3B " " "
P10479	OP-2	"	"	" " " " "
P10480	OP-5	"	"	" " " " "
P10481	St-4	"	"	Stockpile 4 " " "
P10482	OP-74	"	"	Temp. Stockpile 3B " " "

Rock-Type	Locality			Remarks
Alt	139'-160'	Gortdrum Mine, Co. Tipperary.		Radioactive
wacke	142'	"	"	Cpy + Calcite vein
ated bioclastic limestone	92'	"	"	Disseminated Cpy
ous breccia	218'	"	"	
ated sandstone	699'	"	"	
vergin shale"	17'	"	"	
	1027.5'	"	"	
ated shale	104'	"	"	
us breccia	16-18'	"	"	Glen of Aherlow
"	570'	"	"	"
vergin shale"	570-575'	"	"	"
s breccia	500-520'	"	"	"
beds	484'	"	"	Gortdrum heavy minerals
ated granite	1360'	"	"	Radioactive (Brannerite)
us breccia	Bench 8	"	"	Median Fault
one	Stockpile	"	"	
vergin shale"	Core	"	"	
us breccia	Stockpile 2	"	"	
"	"	"	"	
grade Cu breccia	"	"	"	
sed breccia	"	"	"	
one	?	"	"	V. Radioactive
us breccia	Stockpile 4	"	"	"
"	" 2	"	"	"
"	" 2	"	"	
"	" 2	"	"	
"	" 4	"	"	
"	" 2	"	"	
"	Temporary Stockpile 3B	"	"	V. Radioactive
"	"	"	"	"
"	"	"	"	"
"	Stockpile 4	"	"	"
"	Temp. Stockpile 3B	"	"	"

TCD. No.	Field No.	Collector	Rock - Type	Locality
P10483	09-7 ₆	M. DUANE	Igneous breccia	Temp. Stockpile 3B, Gortdrum Mine, Co. Tip
P10484	St-4x-α	"	"	Stockpile 4 " "
P10485	09-9	"	"	Temp. Stockpile 3B " "
P10486	09-7 ₁	"	"	" " "
P10487	09-8	"	"	" " "
P10488	S ₄ -B	"	Dark Limestone	Stockpile 4 " "
P10489	09-7 ₁	"	Igneous breccia	Temp. Stockpile 3B " "
P10490	09-8 ₂	"	"	" " "
P10491	St-2	"	Brecciated limestone	Stockpile 2 " "
P10492	Bn	"	High grade bornite	" " "
P10493	'200'	"	Igneous breccia	Temp. Stockpile 3B " "
P10494	St-4x-i	"	"	Stockpile 4 " "
P10495	AM-3	"	"	Temp. Stockpile 3B " "
P10496	GA-1	P. TYLER	Galena	Bench 8, E of Fault " "
P10497	St-4-a	M. DUANE	Igneous breccia	Stockpile 4 " "
P10498	St-2 ①	"	"	" 2 " "
P10499	St-2 ④	"	Cpy in veinlet	" 2 " "
P10500	S ₄ -B	"	High grade ore	" 4 " "
P10501	L ₁	"	Laminated cpy	" 4 " "
P10502	L ₂	"	"	" 4 " "
P10503	L ₃	"	"	" 4 " "
P10504	L ₄	"	"	" 4 " "
P10505	St-4 x	"	Igneous breccia	" 4 " "
P10506	Co-Mx	"	Mixed bed	Open pit " "
P10507	Maccollop	"	"	Maccollop, Co. Waterford " "
P10508	Araglen	"	"	Araglen Bridge, " " "
P10509	Cronshill	"	"	Cronshill, " " "
P10510	E102	"	"	Gortdrum " "
P10511	E102	"	"	" " "
P10512	E102	"	"	" " "
P10513	St 4x-x	"	Igneous breccia	Stockpile 4 " "
P10514	09-7 ₃	"	"	Temp. Stockpile 3B " "
P10515	St 4x-B	"	"	Stockpile 4 " "

Rock - Type	Locality	Remarks
eous breccia	Temp. Stockpile 3B, Gortdrum Mine, Co. Tipperary.	V. Radioactive
"	Stockpile 4	"
"	Temp. Stockpile 3B	"
"	"	"
"	"	"
Limestone	Stockpile 4	"
us breccia	Temp. Stockpile 3B	"
"	"	"
nted limestone	Stockpile 2	"
rade bornite	"	500 ppm U.
us breccia	Temp. Stockpile 3B	Pitchblende
"	Stockpile 4	V. radioactive
"	Temp. Stockpile 3B	Pitchblende
a	Bench 8, E of Fault	"
us breccia	Stockpile 4	"
"	" 2	"
n veinlet	" 2	"
grade ore	" 4	"
ted cpy	" 4	"
"	" 4	"
"	" 4	"
"	" 4	"
us breccia	" 4	"
bed	Open pit	"
"	Maccollop, Co. Waterford.	Heavy Minerals
"	Araglen Bridge, "	"
"	Cronshill, "	"
	Gortdrum	Radioactive
	"	"
	"	"
us breccia	Stockpile 4	See Duane & Williams 1980
"	Temp. Stockpile 3B	"
"	Stockpile 4	V. Radioactive

TCD. No.	Field No.	Collector	Rock-Type	Locality
P10516	OP-1	M. DUANE	Igneous breccia	Temporary Stockpile 3B, Fort Drum, Co. Tipperary
P10517	OP-8	"	"	"
P10518	Sop-I	"	"	"
P10519	Copper flotation	"	Cu floats products	High grade ore stockpile
P10520	276	"	Dolomitised limestone breccia	Borehole G60
P10521	G47	"	Basalt	" G47
P10522	AA713	W. SHEPPARD [Ph.D. Collection, Pt. 2, cont'd from P. 9593.]	Unit 3 Tuff.	P.D.H. 1040-71 @ 136'
P10523	B228	"	" Sericitic siliceous tuff.	W. of Bell Rock.
P10524	B231	"	Unit 5 Sheared flow.	H/W Pond lode open pit.
P10525	B243	"	Unit 4 Sericitic tuff.	" " " " "
P10526	B243(a)	"	" " " "	" " " " "
P10527	B247	"	" " " "	" " " " "
P10528	B250	"	Greenstone.	100 yds S. of Brown's Pub.
P10529	B275	"	Unit 4/5 contact.	H/W Pond lode open pit.
P10530	B276	"	Unit 4 Sericitic tuff.	" " " " "
P10531	B277	"	Unit 5 Sheared flow.	" " " " "
P10532	B278	"	Unit 3 Chloritic siliceous tuff.	H/W North " " "
P10533	B279	"	Oxidised unit 3 tuff (siliceous).	West end " " "
P10534	B283	"	" " " "	H/W of Weaver lode.
P10535	B283(a)	"	" " " "	" " " " "
P10536	B284	"	" " " "	" " " " "
P10537	BR116	"	Unit 2 Rhyolite.	Top of Bell Rock.
P10538	BR134	"	" " Shale?	S. face of Bell Rock.
P10539	BR136	"	" " Rhyolite.	" " " " "
P10540	BR196	"	" " " "	S.E. side of Bell Rock.
P10541	BR205	"	" " Chloritic tuff.	E. side of Bell Rock.
P10542	C2	"	Unit 3 Chloritic sericitic siliceous tuff.	Cronebane F/W West end.
P10543	C271	"	" " Sericitic siliceous tuff.	" " " " "
P10544	C272	"	" " " "	" " " " "
P10545	C273	"	Unit 4 Sericitic tuff.	" H/W within shale.
P10546	C379	"	Cronebane rhyolite.	Cronebane H/W @ 1E.
P10547	EC103	"	Unit 3 Sericitic tuff.	EC 22 @ 145'.
P10548	EX204	"	Unit 3 Tuff.	EX 1 @ 178'.

Rock - Type	Locality	Remarks
breccia	Temporary Stockpile 3B, Fort Drum, Co. Tipperary.	V. Radioactive
"	"	Serial section study
"	"	V. Radioactive
ats products	High grade ore stockpile	"
ised limestone breccia	Borehole G60	"
	" G47	"
3 Tuff.	P.D.H. 1040-71 @ 136'	
" Sericitic siliceous tuff.	W. of Ben Rock.	
Sheared flow.	H/W Pond lode open pit.	
Sericitic tuff.	"	
"	"	
"	"	
stone.	100 yds S. of Brown's Pub.	
4/5 contact.	H/W Pond lode open pit.	
4 Sericitic tuff.	"	
5 Sheared flow.	"	
3 Chloritic siliceous tuff.	H/W North	
ised unit 3 tuff (siliceous).	West end	
"	H/W of Weaver lode.	
"	"	
"	"	
2 Rhyolite.	Top of Ben Rock.	
" Shale?	S. face of Ben Rock.	
" Rhyolite.	"	
"	"	
" Chloritic tuff.	S.E. side of Ben Rock.	
3 Chloritic sericitic siliceous tuff.	E. side of Ben Rock.	
" Sericitic siliceous tuff.	Cronebane F/W West end.	
"	"	
"	"	
4 Sericitic tuff.	" H/W within shale.	
bane rhyolite.	Cronebane H/W @ 1E.	
3 Sericitic tuff.	EC 22 @ 145'.	
3 Tuff.	Ex 1 @ 178'.	

TCD NO.	FIELD NO.	COLLECTOR	ROCK- TYPE	LOCALITY
P10549	EX 208	W. SHEPPARD	Unit 4 Sericitic tuff.	EX 1 @ 268'.
P10550	EX 211	"	Sericitic tuff.	EX 1 @ 382'.
P10551	EX 305	"	Unit 2 Lithic tuff.	EX 3 @ 154'.
P10552	EX 308	"	" " Rhyolite.	EX 3 @ 219'.
P10553	EX 316	"	Sericitic tuff Unit 3.	EX 3 @ 357'.
P10554	EX 317	"	" " " "	EX 3 @ 364'.
P10555	EX 415	"	" " " "	EX 4 @ 74'.
P10556	EX 504	"	Unit 3 chloritic sericitic tuff.	EX 5 @ 495'.
P10557	EX 508	"	" " " "	EX 5 @ 213'.
P10558	EX 511	"	" " Sericitic tuff.	EX 5 @ 83'.
P10559	KN 540	"	Siliceous bands in Ribband Group.	Loc. 382.
P10560	KN 512	"	Rhyolite within Unit 1 shale.	Loc. 318.
P10561	KN 520	"	Altered feldspath tuff (?).	Loc. 333.
P10562	MA 310	"	Unit 3 chloritic sericitic tuff.	Margaret Adit M19-M20.
P10563	MA 313	"	" " Sericitic tuff.	" " M16-M14.
P10564	MA 313a	"	" " " "	" " " "
P10565	MA 317	"	Unit 2 (?) Tuff.	" " M10-M11.
P10566	MA 317a	"	Unit 3 Sericitic tuff.	" " " "
P10567	MA 351	"	Unit 2 Rhyolite.	Entrance to Margaret Adit.
P10568	PL 23	"	Unit 3 chloritic siliceous tuff.	F/W 1370 W.
P10569	PL 24	"	" " " " sericitic tuff.	F/W 1370 E.
P10570	PL 35	"	" " " " tuff.	1370 W.
P10571	PL 301	"	Rhyolite pod in ore.	1425 level pond lode.
P10572	PL 303	"	Siliceous tuff band within unit 4a.	1370 sub-level east at ore pass
P10573	PL 338	"	Unit 4 Sericitic tuff.	1040 H/O S. of fans.
P10574	PL 350	"	" 3 " "	830 x/c 200 → 330' from ent
P10575	RR 101	"	" " " "	D.D.#. Rockstown.
P10576	RR 106	"	" " " "	" " " "
P10577	RR 107	"	" " " "	" " " "
P10578	TG 108	"	Unit 2 Rhyolite.	Above Tigroney Adit portal.
P10579	TG 120	"	" " " "	Loc. 106.
P10580	TG 125	"	" " " (banded).	" 107.
P10581	TG 126	"	" " " "	" 108.

ROCK- TYPE

LOCALITY

REMARKS

Sericitic tuff.

c tuff.

Lithic tuff.

Rhyolite.

ic tuff Unit 3.

Chloritic sericitic tuff.

Sericitic tuff.

ms bands in Ribbant Group.

e within Unit 1 shale.

D feldspath tuff (?).

3 Chloritic sericitic tuff.

Sericitic tuff.

(?) Tuff.

Sericitic tuff.

Rhyolite.

Chloritic siliceous tuff.

sericitic tuff.

tuff.

ite pod in ore.

s tuff band within unit 4a.

Sericitic tuff.

Rhyolite.

(banded).

EX 1 @ 268'.

EX 1 @ 382'.

EX 3 @ 154'.

EX 3 @ 219'.

EX 3 @ 357'.

EX 3 @ 364'.

EX 4 @ 74'.

EX 5 @ 495'.

EX 5 @ 213'.

EX 5 @ 83'.

Loc. 382.

Loc. 318.

Loc. 333.

Margaret Adit M19-M20.

" " M16-M14.

" " M10-M11.

Entrance to Margaret Adit.

F/W 1370 W.

F/W 1370 E.

1370 W.

1425 level pond lode.

1370 sub-level east at ore pass.

1040 H/O S. of fans.

830 x/c 200 → 330' from entrance.

D.D.H. Rockstown.

Above Tigroney Adit portal.

Loc. 106.

" 107.

" 108.

Section No.	Sample No.	Collector	Rock	Location
P10582	TG 140	W. SHEPPARD	Unit 2 Rhyolite (granular).	Lr. 109.
P10583	TG 141	"	" (banded).	Lr. 109.
P10584	TG 142	"	" (grey).	Lr. 109.
P10585	TG 148	"	"	Lr. 113.
P10586	TG 156	"	" (banded).	Lr. 114.
P10587	TG 161	"	" (magnetite).	Lr. 118.
P10588	TG 162	"	" (grey).	Lr. 118.
P10589	TG 166	"	"	Lr. 119.
P10590	TG 171	"	" Lithic tuff.	Lr. 120.
P10591	TG 177	"	" Rhyolite.	Lr. 122.
P10592	TG 185	"	" (magnetite).	Lr. 127.
P10593	TG 186	"	" Tuff.	Lr. 128.
P10594	/	J. B. Simon	Pyroxene Spinifex Komatiite,	Reliance Fm, Upp. Greenstones (2.7 Ga), Bellingwee Green
P10595	/		Olivine Spinifex Komatiite,	Imbiza Fm, probably Lwr. Greenstones (2.9 Ga), Mutar
P10596	/		Conglomerate.	base of Bardahernagh Fm, Caradoc, OR.D; Pomeroy, Co. Tu
P10597				
P10598				
P10599				
P10600	[M. KEELEY PH.D. COLLECTION CONT'D FROM P. 9200]			Carrick-in-Suir Syncline, Southern
P10601	Carrick ISSAii	Martin Keely	ILM	in River Suir, opp. Carrick Castle, Carrick
P10602	Carrick 15b		"	behind garage, Carrickbeg, Carrick
P10603	160		KL (lower)	3km N of Carrick, Co. Tipperary
P10604	161		"	"
P10605	162A		"	"
P10606	162B1		"	"
P10607	162B2		"	"
P10608	162C		"	"
P10609	162D1		"	"
P10610	162D2		"	"
P10611	164		"	"
P10612	164ii		"	"
P10613	Ballynall 166		GOM	4km W of Carrick
P10614	167		"	"

Unit	Rock	Location	Remarks
2	Rhyolite (granular).	Lor. 109.	
"	" (banded).	Lor. 109.	
"	" (grey).	Lor. 109.	
"	"	Lor. 113.	
"	" (banded).	Lor. 114.	
"	" (magnetite).	Lor. 118.	
"	" (grey).	Lor. 118.	
"	"	Lor. 119.	
"	Lithic tuff.	Lor. 120.	
"	Rhyolite.	Lor. 122.	
"	" (magnetite).	Lor. 127.	
"	Tuff.	Lor. 128.	
Pyroxene Spinifex Komatiite,		Reliance Fm, Upp. Greenstones (2.7 Ga), Bellingwe Greenstone Belt, Imbiza Forestry Estate, ZIMBABWE.	
Olivine Spinifex Komatiite,		Imbiza Fm., probably Lwr. Greenstones (2.9 Ga), Mutare / Odzi Greenstone Belt, Imbiza Forestry Estate, ZIMBABWE.	
Conglomerate.		base of Bardaghessingh Fm, Caradoc, ORD; Pomeroy, Co. Tyrone.	

P. 9200]

ILM	Location	Remarks
"	in River Suir, opp. Carrick Castle, Carrick	siliceous packstone
KL (lower)	behind garage, Carrickbeg, Carrick	recrystallised detrital packstone
"	3km N of Carrick, Co. Tipperary	part. recryst. packstone
"	"	"
"	"	"
"	"	detrital part. recryst. packstone
"	"	"
"	"	"
"	"	"
"	"	"
"	"	part. recryst. packstone, Theis's Plate XVI (12, 18)
"	"	foram rich part. recryst. packstone, Theis's Plate XVI (23) ^{XVII (1)}
GOM	4km W of Carrick	granite
"	"	"

Section No.	Sample No.	Collector	Rock	Location
P10615	Ballyneil 168	Martin Keely	KL	Ballyneil, Co. Tipperary
P10616	169		Daulstonian	1km W of Ballyneil
P10617	170		KL	Ballyneil
P10618	172		"	2km NW of Ballyneil
P10619	175		"	3km NW — " —
P10620	175ii		"	— " —
P10621	176		"	— " —
P10622	177		"	"
P10623	178		"	"
P10624	179		"	"
P10625	180		"	"
P10626	Ballydrie 182		"	2km E of Ballydrie
P10627	Ballyneil 183i		Ballygladeen Odite Fm (BO)	3km W of Ballyneil
P10628	Ballyneil 183ii		"	"
P10629	Ballydrie 187		KL	Ballydrie
P10630	189		"	"
P10631	189a		"	"
P10632	190		"	"
P10633	190ii		"	"
P10634	191		"	"
P10635	Kilcash 194		?	3km SE Kilcash Castle
P10636	Ballydrie 195		KL	"
P10637	196		"	4km S Kilcash Castle
P10638	Kilcash 197i		BO	3km S — " —
P10639	197ii		BO	— " —
P10640	197iii		BO	"
P10641	Ballydrie 199		KL	2km N Ballydrie
P10642	201		"	Ballydrie
P10643	202		"	"
P10644	203i		"	"
P10645	203ii		"	"
P10646	203iii		"	"
P10647	203iv		"	"

Rock	Location	Remarks
KL	Ballyneil, Co. Tipperary	recryst. dolomite wackestone
Daulstonian	1km W of Ballyneil	recryst. dolomite packstone
KL	Ballyneil	recryst. packstone
"	2km NW of Ballyneil	pellet packstone
"	3km NW — " —	recryst. packstone
"	— " —	"
"	— " —	"
"	"	dolomite — " —
"	"	recryst. packstone
"	"	— " —
"	"	"
"	2km E of Ballyneil	" Thesis Plate XVI (20)
Ballyglacken Odite Fm (BO)	3km W of Ballyneil	dolomite recryst. grainstone
"	"	— " —
KL	Ballyneil	recryst. packstone
"	"	recryst. wackestone
"	"	" Thesis Plate XVII (6)
"	"	part. recryst. packstone
"	"	"
"	"	"
?	3km SE Kileash Castle	recryst. sparite
KL	"	packstone
"	4km S Kileash Castle	"
BO	3km S — " —	crispate, Thesis Plate XVII (3)
BO	— " —	recryst. dolomite sparite
BO	"	banded dolomite micropackstone
KL	2km N Ballyneil	fine form packstone, Thesis Plate XVII (11)
"	Ballyneil	packstone
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"

Section No.	Sample No.	Collector	Rock	Location
P10648	Ballydine 203A	Martin Kealey	KL	Ballydine
P10649	203B		"	"
P10650	203C		"	"
P10651	203D		"	"
P10652	204		"	2km N of Ballydine
P10653	Kilcash 205		Rathvane Limest. fm (R)	2km SW of Kilcash Castle
P10654	205B;		"	"
P10655	205A		"	"
P10656	205B		"	"
P10657	Ballydine 206		BO	"
P10658	206 ii		"	"
P10659	207		"	"
P10660	208		KL	3km S Ballypatrick
P10661	Kilsheelan 209		KL	2km NE Kilsheelan
P10662	Ballydine 210		"	1km W of Ballydine
P10663	211		"	2km W of Ballydine
P10664	211 ii		"	"
P10665	Kilsheelan 212		" (base)	2km ENE Kilsheelan
P10666	Kilcash 213		KL	2km SW of Ballypatrick
P10667	Kilsheelan 214		?KL	3km SW ———
P10668	215		KL	—————
P10669	216		Croane fm. base	4km SW of Ballypatrick
P10670	216 ii		"	"
P10671	216B		BO top	"
P10672	217		KL	1km N of Kilsheelan
P10673	218 i		"	"
P10674	218 ii		"	"
P10675	219		"	2km N of Kilsheelan
P10676	220 i		BO	3km ———
P10677	220 ii		BO	—————
P10678	221		"	"
P10679	221 ii		"	"
P10680	221 iii		"	"

Rock	Location	Remarks
KL	Ballydrie	pellet packstone
"	"	packstone with forams, Thesis Plates XVI (2,17), XVII (4,9,17,18), XVIII (2)
"	"	packstone with forams, Thesis Plates XVI (15), XVII (5)
"	"	———— " ———— Thesis Plates XVI (1), XVII (14,16), XVIII (16)
"	2km N of Ballydrie	———— " ————
Rathvane Limest. fm (R)	2km SW of Kilsheela Castle	recryst. pelminite
"	"	"
"	"	conoidal wackestone Thesis Plate XVIII (11)
"	"	recryst. micrite
BO	"	recryst. grainstone
"	"	"
"	"	"
KL	3km S Ballypatrick	packstone
KL	2km NE Kilsheela	grainstone
"	1km W of Ballydrie	recryst. packstone
"	2km W of Ballydrie	———— " ———— Thesis Plate XVI (24)
"	"	"
" (base)	2km ENE Kilsheela	"
KL	2km SW of Ballypatrick	recryst. wackestone
?KL	3km SW ————	recryst. dolomitic grainstone
KL	———— " ————	recryst. wackestone
Coane fm. base	4km SW of Ballypatrick	argillaceous packstone
"	"	———— " ———— pebbly shale
BO top	"	recryst. dolomitic grainstone
KL	1km N of Kilsheela	recryst. biomicrite
"	"	" Thesis Plate XVIII (6)
"	"	"
"	2km N of Kilsheela	pellet packstone
BO	3km ————	dolomitic grainstone
BO	———— " ————	grainstone
"	"	dolomitic grainstone
"	"	"
"	"	"

Section No.	Sample No.	Collector	Rock	Location
P 10681	Kilsheelan 222	Martin Keeley	KL	1km N of Ballyglasheen Castle, Co. Tipperary
P 10682	223		Croane Fm. base	Ballyglasheen Castle
P 10683	223ii		"	"
P 10684	223B		BO top	"
P 10685	Kilcash 224		BO	3km S of Kilcash Castle
P 10686	Ballydine 226		KL top	4km S ——— " ———
P 10687	227		"	—————"—————
P 10688	228		BO base	"
P 10689	229		"	"
P 10690	229ii		"	"
P 10691	230		R	"
P 10692	Kilcash 231		KL	1km E of Ballypatrick
P 10693	232		?KL	2km SW ——— " ———
P 10694	232ii		"	—————"—————
P 10695	Kilsheelan 233		KL	2km NW of Ballyglasheen Castle
P 10696	Kilcash 232iii		?KL	↓
P 10697	Kilsheelan 236		KL	2km NW of Kilsheelan
P 10698	237A		BO base	—————"—————
P 10699	237B		KL top	"
P 10700	Anner 238		KL	2km NE of Anner Castle
P 10701	Kilsheelan 239		BO	3km NW of Kilsheelan
P 10702	Anner 240		KL	1km E of Newtownanner House
P 10703	241		Croane Fm.	2km W of Anner Castle
P 10704	242		KL	1km N of Brackford Bridge
P 10705	246		BO	Brackford Bridge
P 10706	250		KL	4km NE of Clonmel
P 10707	Clonmel 251		R	1km E of Rathronan
P 10708	253		R top	Rathronan
P 10709	257		Kiltoscan Fm.	2km S of Clonmel, Co. Waterford
P 10710	Lisronagh 260A		R top	Rathronan, Co. Tipperary
P 10711	262		Croane Fm.	1km NE of Rathronan
P 10712	263A		Fortwilliam Odite Unit	2km NE of Rathronan
P 10713	Clonmel 265A		KL	3km N of Clonmel

Rock	Location	Remarks
KL	1km N of Ballyglasheen Castle, Co. Tipperary	dolomitic packstone
Croane Fm. base	Ballyglasheen Castle	fine agillaceous packstone
"	"	"
BO top	"	dolomitic grainstone
BO	3km S of Kilcash Castle	grainstone
KL top	4km S ————	packstone
"	—————	part. recryst. wackestone
BO base	"	dolomitic grainstone
"	"	—————
"	"	"
R	"	biomicrite
KL	1km E of Ballypabrick	pellet packstone
?KL	2km SW ————	compacted dolomitic pellet grainstone cf. P10640
"	—————	—————
KL	2km NW of Ballyglasheen Castle	crinoidal packstone
?KL	—————	dolomitic recryst. grainstone
KL	2km NW of Kilsheelan	wackestone
BO base	—————	dolomitic oolite grainstone
KL top	"	—————
KL	2km NE of Anner Castle	recryst. from packstone
BO	3km NW of Kilsheelan	grainstone
KL	1km E of Newtownanner House	recryst. wackestone
Croane Fm.	2km W of Anner Castle	—————
KL	1km N of Brackford Bridge	"
BO	Brackford Bridge	oolitic grainstone
KL	4km NE of Clonmel	pellet and from packstone
R	1km E of Rathronan	recryst. wackestone
R top	Rathronan	dolomitic sparite
Kiltorcan Fm.	2km S of Clonmel, Co. Waterford	litharenite
R top	Rathronan, Co. Tipperary	wackestone
Croane Fm.	1km NE of Rathronan	part. recryst. wackestone
Fortwilliam Oolite Unit	2km NE of Rathronan	dolomitic oolitic grainstone
KL	3km N of Clonmel	packstone

Section No.	Sample No.	Collector	Rock	Location
P10714	Clonmel 265A ii	Martin Kealey	KL	3km N of Clonmel
P10715	265B		"	— " —
P10716	265C		"	"
P10717	265-X1A		Croane fm.	"
P10718	265-X1B		"	"
P10719	265-X2		"	"
P10720	Lisronagh 267		Giant's grave fm.	5km — " —
P10721	270		KL	7km — " —
P10722	271		R	Rathma
P10723	275		Croane fm.	1km N of Giant's grave
P10724	Clonmel 276		KL	4km NE of Clonmel
P10725	277		Silver Spring fm.	— " —
P10726	278		"	"
P10727	279		KL base	"
P10728	280		— " —	"
P10729	281		"	"
P10730	Liscarroll BC		Ballyclough Lint (Philcox)	Templemore Rd., Liscarroll, Co. Cork
P10731	Liscarroll LS		Liscarroll Lint (Philcox)	1/2 mile W of Liscarroll, Co. Cork
P10732	KK-68-11-8		Waulsortia	Piltown, Co. Kilkenny (now at Glenacee)
P10733	KK-68-11-11		BLM (top)	— " —
P10734	KK-68-11-5		Waulsortia	"
P10735	WX-68-1 ^{ter} -10		Hood Head Lint.	SE Co. Wexford (now at Glenacee)
P10736	WX-67-3H		Main Boreea (base)	Duncormick, SE Co. Wexford (— " —)
P10737	WX-67-3C		Upper Micrite	— " —
P10738	WX-67-3A		"	"
P10739	WX-67-3D		" (base)	"
P10740	WX-67-3E		Middle Micrite (top)	"
P10741	WX-67-3F		"	"
P10742	WX-67-3G		"	"
P10743	WX-67-3J		Lower Micrite	"
P10744	Piltown 28B		ILM	Piltown Piltown, Co. Kilkenny

Here ends the gospel according to Mr. Kealey

Reef	Location	Remarks
KL	3km N of Channel	packstone broken slide
"	"	"
"	"	"
Croane Fm.	"	micrite
"	"	"
"	"	"
Giantgrave Fm.	5km — " —	litharenite
KL	7km — " —	foram-rich packstone
R	Rathmore	crinoidal micrite
Croane Fm.	1km N of Giantgrave	micrite
KL	4km NE of Channel	foram-rich part. recryst. packstone
Silverspring Fm.	"	micrite
"	"	dolomitic packstone
KL base	"	grainstone
"	"	dolomitic packstone
	"	recryst. packstone
Ballyclough Lint (Phileas)	Templenary Rd, Liscarrow, Co. Cork	packstone
Liscarrow Lint (Phileas)	1/2 mile W of Liscarrow, Co. Cork	weatherstone
Waulsortia	Piltown, Co. Kilkenny (now at Glenageary)	dolomite DDH drilled by Penaranga
BLM (top)	"	argillaceous micrite
Waulsortia	"	dolomite
Hole Head Lint.	SE Co. Wexford (now at Glenageary)	argillaceous dolomite with relict textures. Penaranga DDH
Main Baccara (base)	Duncormick, SE Co. Wexford (—)	micrite. poor slide
Upper Micrite	"	pelleted micrite
"	"	packstone rich in <i>Eoparastaffella</i>
" (base)	"	red patchy dolomite
Middle Micrite (top)	"	fine yellow dolomite
"	"	oolitic micrite / sparite
"	"	oolitic micrite
Lower Micrite	"	laminated micrite
ILM	Widdow Tiddow, Co. Kilkenny	packstone

Section No	Sample No	Collector	Rock	Location
The following are thin sections on which The Calp of the Dublin District by T.R. Marchant and G.D. Sevestopol				
P10745	Calp 1	Marchant & Sevestopol	Calp.	Quarry on Lucan Golf Course (Beside 4 th Green)
P10746	Calp 3	"	Base of graded unit + Koninckopora sp.	Bed 7, Arundian Old Quarry near Ballyhouse, Coolstrinagh, Lucan
P10747	Calp 4	"	Fine grained arg. lst.	" " " " " Bed 6
P10748	Calp 5	"	" " " "	" " " " " Bed 5
P10749	Calp 6	"	" " " "	" " " " " Bed 3
P10750	Calp 7 base	"	" " " "	Lucan Quarry, Lucan & Pettycannon Tolland. Bluffs along south side of stream near Fairy House
P10751	" top	"	" " " "	" " " " " "
P10752	Calp 8	"	" " " "	" " " " " Bed
P10753	Calp 9	"	" " " "	" " " " " Bed
P10754	Calp 10	"	" " " "	" " " " " Bed
P10755	Calp 11	"	Coarse base	" " " " " Bed
P10756	Calp 11 top	"	Fine grained arg. lst.	" " " " " Bed
P10757	Calp 12	"	" " " "	" " " " " Bed
P10758	Calp 13	"	" " " "	" " " " " Bed
P10759	Calp 14	"	" " " "	Cursis Stream Quarry southeast corner southeast corner of wood west of main quarry
P10760	Calp 15	"	" " " "	Quarryvale, flooded quarry S.W. face float block.
P10761	Calp 16	"	" " " "	" " " "
P10762	Calp 17	"	" " " "	" " " "
P10763	Calp 18	"	" " " "	" " " "
P10764	Calp 19	"	" " " "	Fort Hill stream section
P10765	Calp 20	"	" " " "	Hermitage cliff section, 8m above gon.
P10766	Calp 22	"	" " " "	" " " "
P10767	Calp 23	"	" " " "	" " " "
P10768	Calp 24	"	Sponge spicules	Weirview Quarry, Lucan, Co. Dub. (Bed 10) N of bridge in Arundian stage
P10769	Calp 25	"	base of graded unit	" " " " " Bed 15
P10770	Calp 26	"	" " " "	" " " " " Bed 21
P10771	Calp 28	"	Coarse base + Koninckopora sp. + Archaeodiscid forams.	" " " " " Co. Dub. (Bed 66) N of bridge in Arundian stage
P10772	/	M. White	Limestone breccia (Mymict calcirudite)	Glensaul, Co. Mayo.
P10773	/	M. White	Red limestone (Biomicroth wackestone)	" "
P10774	/	C. J. Skillman	Sulphide	Cyprus.
P10775	/	J. R. Newb	Paros Marble (as used for Venice de Milo)	Paros, Greece

Rock	Location	Remarks
The Calp of the Dublin District	by T.R. Marchant and G.D. Sevastopulo	is based. see <u>Je Earth Sci R. Dubl. Soc. Vol. 3, 1980.</u> [+ Marchant Notebooks.]
Calp.	Quarry on Lucan Golf Course (Beside 4 th Green)	
Base of graded unit + Koninckopora sp.	Old Quarry near Ballyhouse, Coolturinagh, Lucan	Bed 7, Arundian Stage, L. CARB. Figured Marchant & Sevastopulo, 1980, text-fig. 3b. CAB 1/15
Fine grained arg. lst.	" " " " " Bed 6	
" " " " " "	" " " " " Bed 5	
" " " " " "	" " " " " Bed 3	
" " " " " "	Lucan Quarry - Lucan & Pettycannon Tolls.	
" " " " " "	Bluffs along south side of stream near 'Fairy House' Bed 1	
" " " " " "	" " " " " "	
" " " " " "	" " " " " Bed 3	
" " " " " "	" " " " " Bed 7	Figured ibid., text-figs 3c-e.
" " " " " "	" " " " " Bed 10	
Coarse base	" " " " " Bed 18	
Fine grained arg. lst.	" " " " " Bed 18	
" " " " " "	" " " " " Bed 29	
" " " " " "	" " " " " Bed 41	
" " " " " "	Curtis Stream Quarry southeast corner	
" " " " " "	" " " " " southeast corner of wood west of main quarry	
" " " " " "	Quarryvale, flooded quarry S.W. face	
" " " " " "	" " " " " float block.	
" " " " " "	" " " " " "	
" " " " " "	Fort hill stream section	
" " " " " "	Hermitage cliff section, 8 m above goniatite loc.	
" " " " " "	" " " " " micaenumber beds	probably beds referred to by J.S. Turner.
" " " " " "	" " " " " "	
" " " " " "	" " " " " "	
Sponge spicules	Weirview Quarry, N of bridge in Arundian Stage, Lwr. CARB. Co. Dub. (Bed 10)	Figured ibid., text-fig. 3f. CAB 1/1
base of graded unit	" " " " " Bed 15	
" " " " " "	" " " " " Bed 21	
" " " " " "	" " " " " (Bed 66)	Figured ibid., text-fig. 3a. CAB 1/1
Coarse base + Koninckopora sp. + Archaeodiscid forams.	" " " " " Co. Dub.	
Limestone breccia (Mymict calcirudite)	Glensaml, Co. Mayo.	Referred White 1984, S.S. Mapping Report, p. 11
Red limestone (Biomicroth wackestone)	" " " " "	
Sulphide	Cyprus.	
Paros Marble (as used for Venico de Mito)	Paros, Greece	Coll. Sept. 1982.

N. BRADFER M.Sc.
COLLECTION
(T.C.D. 1981).

SECTION N°	SAMPLE N°	COLLECTOR	ROCK = WAULSORTIAN LMSTS	LOCATION
P 10776	B7/65	NICOLE BRADFER		BALLINALACK, BORE HOLE N° 7 65'
10777	B7/57.6	"		" " "
10778	B51/638.5	"		" " N° 51
10779	B51/680.5	"		" " "
10780	B52/481	"		" " 52
10781	B52/513.5	"		" " "
10782	B52/543	"		" " "
10783	B52/794	"		" " 55
10784	B55/388.4	"	biomicrite with stromatolites type 1	" " " 388.4'
10785	B55/589.17	"	cole + ifonachite	" " "
10786	B55/915	"	biomicrite 1 strom type 1	" " "
10787	B55/967.7	"	biomicrite with micropor zone	" " "
10788	B56/563	"	Bygonia fossils	" " 56
10789	B60/476.7	"	biomicrite with stromatolites type 2	" " 60
10790	B60/840.6	"	biomicrite " type 1	" " "
10791	B60/1013	"	very fossiliferous biomicrite.	" " "
10792	B62/844.6	"	biomicrite - st + for	" " 62
10793	B62/854.5	"	" " " "	" " "
10794	B81/669	"	mottle lmst	" " 81
10795	B81/675.5	"	" " "	" " "
10796	B81/687	"	mottle lmst with ^{feron dolomite pores} celestite, ferson celestite	" " "
10797	B81/711	"	biomicrite, mottle, " type 2	" " "
10798	B81/735.5	"	Bygonia fossils	" " "
10799	B81/751.5	"	" x strom type 2 for	" " "
10800	B81/766.5	"	Bygonia fossils	" " "
10801	B81/786.5	"	" " "	" " "
10802	B81/795	"	" " "	" " "
10803	B81/807	"	Bygonia fossils	" " "
10804	B82/619.2	"	mottle lmst with big crinoids	" " 82
10805	B82/684	"	biomicrite with type 2	" " "
10806	B82/735	"	" " " type 2	" " "
10807	B82/761	"	predominant	" " "
10808	B82/769	"	biomicrite with stromatolite corals	" " "

ROCK = WAULSORTIAN LUNTS

LOCATION

REMARKS

BALLINALACK, BORE HOLE N° 7 65'

SULPHIDES,

" " " N° 51

"

" " " 52

SULPHIDES

" " "

" " "

" " 55

" " " 388.4'

SULPHIDES filling stromatolites, ^{cole. fibr.} sediment infill

" " "

authigenic feldspar in organic matter, sedng

" " "

" " "

sediment pocket type.

" " 56

" " 60

SULPHIDES filling stromatolite cores

" " "

fracture filled with internal sediment

" " "

" " 62

~~happy pyrite~~ *pyrite*

" " "

" " "

" " 81

intensive recrystallization

" " "

" " "

coarse patches of cole-fusion calc. with fenest.

" " "

bird eye type

" " "

see below

" " "

sediment pocket (peloids)

" " "

" " "

see below

" " "

" " "

mottling produced by organisms Concentration

" " 82

" " "

infill sediment = alternation coarse & fine micr.

" " "

" " "

fibrous calcite around crinoids

" " "

biomicrite with stromatolite type 1

cole + foraminifera

biomicrite 1st type

biomicrite with micropor zone

Bryozoa fossils

biomicrite with stromatolites type 2

biomicrite " type 1

very fossiliferous biomicrite

biomicrite - 1st type

" " " " "

mottle limestone

" " " " "

mottle limestone with ^{fusion calcite} calcite, fusion calcite

biomicrite, mottle, 1st type

Bryozoa fossils

" 2nd type

Bryozoa fossils

" "

" "

Bryozoa fossils

mottle limestone with big crinoids

biomicrite with egg fossils

" " " " "

peloid zone

biomicrite with stromatolite coils

SECTION n°	Sample n°	collector.	ROCK = Waulsortian, limest	LOCATION
P 10809	B82/787	BAADFER N.	stom type 1	BAULNALALK, borehole 82 787'
10810	B82/799	"	stom type 1	" " "
10811	B82/808	"	biomicrite with stromatolites 2	" " "
10812	B82/815.7	"	crinoidal calcarenite	" " "
10813	B82/830.5	"	very bioclastic micrite with crinoids	" " "
10814	B82/844.5	"	trigzoon fossils	" " "
10815	B82/848	"	Breccia	" " "
10816	B82/810.5	"		" " "
10817	B82/926.5	"	Biomicrite with stromatolites 1	" " "
10818	B82/954	"	bioclastic micrite	" " "
10819	B82/991	"	bioclastic micrite	" " "
10820	B83/641.7	"	mottled micrite - recrystallized	" " 83
10821	B83/648	"	biomicrite - recrystallization	" " "
10822	B83/650.5	"	biomicrite recryst. - mottled, coarse calc. part	" " "
10823	B83/661	"	very bioclastic micrite, recrystall.	" " "
10824	B83/670	"	biomicrite recryst. with bird eye type trigzoon	" " "
10825	B83/674.5	"	" " "	" " "
10826	B83/684.6	"	" " "	" " "
10827	B83/700.5	"	trigzoon fossils	" " "
10828	B83/711	"		" " "
10829	B83/713.5b	"	trigzoon fossils	" " "
10830	B83/713.5a	"	" " "	" " "
10831	B83/734.7	"	" " "	" " "
10832	B83/744	"	mottled limst (recrystallization)	" " "
10833	B83/754	"	" " + strom type 2	" " "
10834	B83/791	"	" " " "	" " "
10835	B83/810.5	"	crinoidal limst	" " "
10836	B83/811.3	"	" " "	" " "
10837	B83/813.6	"	mottled limst	" " "
10838	B83/817	"	" " + strom 2	" " "
10839	B83/819.6	"	" " " "	" " "
10840	B83/833	"	" " " "	" " "
10841	B83/837.5	"	" " " "	" " "

ROCK = Waulsortian limestones

stom type 1

stom type 2

bryomite with stromatolites 2

crinoidal calcarenite

very biolastic ~~crinoidal~~ with crinoids

bryozoan fossils

Breccia

Bryomite with stromatolites 1

bryomite with stromatolites

bryomite with stromatolites

mottled micrite - recrystallization

bryomite - recrystallization

bryomite recryst. - mottled, coarse calc. pot. ls.

v. biolastic micrite, recrystall.

bryomite recryst. with bud eye type bryozoan

" " " "

" " " "

Bryozoan fossils

Bryozoan fossils

" "

" "

mottled limestone (recrystallization)

" " + strom type 2

" " " "

crinoidal limestone

" "

mottled limestone

" " + strom 2

" " " "

" " " "

" " " "

LOCATION

BALLINACALK, borehole 82 787'

" " "

" " "

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" " "

" " 83

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" " "

Remarks

fibrous calcite form a column around organism

infill sediment = red colour, interlocking
fibrous calcite / sed. infill
stom 1+2 together

Bryozoan - calcite only

microcryst. dolomite zone. + ls.

pseudocasts.

fenestella debris in coarse potels, strom. type 2

mainly drusy calcite around bryozoan -

sulphides in ferrous calcite

" filling cavities

sulphides in bryozoan calcite

" " " "

fibrous calcite crossed by ferrous calcite

inverse grading in sediment infill

2nd calcite with bryozoan.

Specimens

Section n°	Sample n°	Collector	Rock = Waulsortian limest.	Location
P 10842	B83/863	Nicole Brodfer	crinoidal calcarenite	Bellinobach, bore hole 83, 863'
10843	B87/861	"	crinoidal " "	" " "
10844	B83/870.8	"	trigz facies	" " "
10845	B83/871	"	" "	" " "
10846	B83/894.5	"	" "	" " "
10847	B83/914	"	" "	" " "
10848	B83/984.8	"	mottled limest (recryst) v. biol.	" " "
10849	B83/988.5	"	" " very biol.	" " "
10850	B84/201	"	biomicrite with trigz contours	" " 84
10851	B84/230.5	"	dolomitization patches	" " "
10852	B87/613	"	biomicrite recryst, stromatolites 2	" " 87
10853	B87/635	"	" "	" " "
10854	B87/646	"	" ; siderite infill in part	" " "
10855	B87/729.5	"	mottled limest (recryst) with crinoid	" " "
10856	B87/748 a	"	pseudobreccia	" " "
10857	B87/748 b	"	" "	" " "
10858	B89/841 a	"	biomicrite + strom - contours type 1	" " 89
10859	B89/841 b	"	" "	" " "
10860	B90/986	"	biomicrite with strom type I	" " 90
10861	BP1/76	"	" with fenestella contours	" " 91
10862	BP1/649	"	" with recrystallization patches	" " "
10863	BP1/762	"	trigz facies	" " "
10864	BP1/763	"	" "	" " "
10865	B91/821.5	"	v fossiliferous microporuli	" " "
10866	BP2/753.3	"	biomicrite + trigz facies	" " 92
10867	B92/778	"	trigz facies	" " "
10868	B92/779	"	" "	" " "
10869	B92/790.5	"	" "	" " "
10870	B92/812.2	"	biomicrite	" " "
10871	BP2/820	"	" + strom type 1	" " "
10872	B93/504	"	biomicrite with dark blue patches	" " 93
10873	BP3/542	"	biomicrite with stromatolites contours	" " "
10874	B93/844	"	limest + coral	" " "

Reef = Waulsorten limestones

Location

Remarks

crinoidal calcarenite

Bellinabek, bore hole 83, 863'

~~crinoidal~~ " "

" " "

bird's eye type -
↓

Byz. fossils

" " "

lumpy Byz. on matrix

" "

" " "

" "

" " "

" "

" " "

mottled limest. (recryst.) v. biol.

" " "

silicification, calcite, few calcite + st. p. calc.

" " very biol.

" " "

mottling = concentration biol.

biomucite with Byz. centers

" " 84

decolorization patches

" " "

biomucite recryst, stromololites 2

" " 87

" "

" " "

micrization

" " siderite infill in part

" " "

mottled limest. (recryst.) with crinoid

" " "

pseudonodules

" " "

" "

" " "

biomucite + strom-cactus type 1

" " 89

" "

" " "

biomucite with strom type 1

" " 90

" with fenestella centers

" " 91

bird's eye type -

" with recrystallization patches

" " "

specular

Byz. fossils

" " "

micrization

" "

" " "

v fossiliferous microporites

" " "

biomucite + Byz. fossils

" " 92

bird's eye type -

Byz. fossils

" " "

micrization filling centers

" "

" " "

" " "

" "

" " "

bird's eye type.

biomucite

" " "

" + strom type 1

" " "

biomucite with dark blue patches

" " 93

biomucite with stromololites centers

" " "

limest. + coral

" " "

Michelinis forosa

Section n°	Sample n°	Collector	Rock sample	Location	
10875	B94 / 953 ₅	Nicole Brodfer	bird's eye micrite with mineral	Ballenolsheim, bore hole	94, 953'
10876	B94 / 953 _a	"	" " " "	" "	" 953'
10877	B95 / 837.3	"	sandstone with pyrite	" "	95 837.3
10878	B105 / 358.5	"	Woolaston lsmt with bug centers	" "	105 358.5
P10879		S. NOLAN		Lane Borehole	170.0
P10880					
P10881					
P10882					
P10883					
P10884					
P10885					
P10886					
P10887					
P10888					
P10889					
P10890					
P10891					
P10892					
P10893					
P10894					
P10895					
P10896					
P10897					
P10898					
P10899					
P10900					
P10901					
P10902					
P10903					
P10904					
P10905					
P10906					
P10907					

Rechn ~~unvollständig~~

Location

Remarks.

bird's eye micrite with mineral

Bollendaloch, bore hole

94, 953'

" " " "

" " "

" 953'

sandstone with pyrite

" "

95 837.3

Woolbarrow lsmt with big corals

" "

105 358.5

CONTINUED AT TCD. P. 11070.

Lane Borehole

170.0

SECTION No.	FIELD No.	COLLECTOR	ROCK-TYPE	LOCALITY
P10974		S. NOLAN		
P10975				
P10976				
P10977				
P10978				
P10979				
P10980	154	Julia Gibson	Dolomite	Lorboy Upper, nr. Edgeworthstown.
P10981	191	"	Skeletal wackestone with Cladochonus.	Kilcoursey, "
P10982	177	"	"	Glannagh, "
P10983	165	"	Foraminifera rich packstone.	Kilmoyle, "
P10984	115	"	Graded skeletal packstone.	Moatfarrell, "
P10985	LF28	"	Silicified wackstone.	Borehole LF28, 62m.
P10986	193	"	Chert.	Ardagullion, "
P10987	B	Niall Haughey	Tertiary dyke	Ballinrannig, Smerwick Harbour, Co. Kerry.
P10988	C	"	Sandstone	Feomanagh Anticline, Dingle Peninsula, "
P10989	D	"	"	Ardmore Anticline, " " "
P10990	E	"	"	Feomanagh Anticline, " " "
P10991	F	"	"	" " " " " "
P10992	G	"	Volcanic	N. side of Coogorrib Cove, Dingle Peninsula,
P10993	H	"	"	S. " " " " " "
P10994	112e	Florence Lowry	Sandstone	Largysillagh, Co. Donegal.
P10995	204b	"	Septaria	W. of Shalvey Point, "
P10996	204f	"	Charcoal shale	" " "
P10997	178a	"	Biomicrite	Rinn Point, "
P10998	187e	"	Impure Limestone	Largy shore, "
P10999	191b	"	Biomicrite	Largymore, "
P11000	280	"	Orlite	Muckross Head (east), "
P11001	289e	"	Immature orlite	" (west), "
P11002	289g	"	Calcareous shale	" " "
P11003	350	Ian Abernethy	Metadolerite	W. flank of Toome Lough, Lettermacaward.
P11004	780	"	Thorr granodiorite	S.E. of Lough Aleen, "
P11005	167	"	Appinite	Cor, "
P11006	722	"	Trawenagh Bay Granite	Ranny, "

ROCK-TYPE

LOCALITY

REMARKS

ite
al wackestone with Cladochonus.
"
inifera rich packstone.
ed skeletal packstone.
fied wackestone.
ary dyke
stone
anic
stone
aria
-coal shale
micrite
are Limestone
micrite
te
ature white
areous shale
adolerite
r granodiorite
nite
wenagh Bay Granite

Corboy Upper, nr. Edgeworthstown.
Kilcoursey, "
Glannagh, "
Kilmoyle, "
Moatfarrell, "
Borehole LF28, 62m.
Ardagullion, "
Ballinrannig, Smernick Harbour, Co. Kerry.
Feomanagh Anticline, Dingle Peninsula, "
Ardmore Anticline, "
Feomanagh Anticline, "
N. side of Coosgarrib Cove, Dingle Peninsula, "
S. "
Largysillagh, Co. Donegal.
W. of Shalwy Point, "
Rinn Point, "
Largy shore, "
Largymore, "
Muckross Head (east), "
" (west), "
W. flank of Toome Lough, Lettermacaward.
S.E. of Lough Aleen, "
Cor, "
Ranny, "

Relict skeletal fragments also dolomitised.
Original voids with drusy cement.
Poorly sorted.
Sorted, fine-grained, diagnostic Arundian fauna.
Arundian fauna.
Some dolomitisation
Almost complete replacement of carbonate.
Smernick Fm.
East Fm.
Ballymore Fm.
Trabeg Conglomerate Fm.
Dunquin inlier
Koninckopora, Earlandia, Endothyrids.
" , Girvanella, "
" , Eoparastafella, Earlandia, Pseudolithothubella.
Section cuts coarse grained basic pod.
Clusters of biotite, kinking of plagioclase twin lamellae.
Hornblende.
Kinking of twin lamellae in plag. + undulose quartz.

SECTION NO.	FIELD NO.	COLLECTOR	ROCK-TYPE	LOCALITY
P11007	620	Ian Abernethy	Calc silicate	S. shore of Ranny Lough, Lettermacaward.
P11008	182	"	Pelite	Glebe, "
P11009	440	"	Pelitic schist.	W. flank of Toome Lough, "
P11010	692	"	"	Shot Hill, "
P11011	316	"	"	S.W. of Toome Lough, "
P11012	57	Seamus Hyland	Mineralisation.	Glenmalure, Co. Wicklow.
P11013	159	"	Semi-pelitic schist.	" "
P11014	191	"	"	" "
P11015	260	"	Muscovite granite.	" "
P11016	279	"	"	" "
P11017	289	"	Hornfels pelite.	" "
P11018	303B	"	Biotite granodiorite.	" "
P11019	303C	"	Biotite/muscovite granodiorite.	" "
P11020	312	Patrick Harvey	Siltstone.	?
P11021	366	"	Calcareous mudstone.	Bullen's bay, Co. Cork.
P11022	322	"	Quartz arenite.	Kinsale harbour, Co. Cork.
P11023	305	"	Siltstone.	Sandycore Creek, Co. Cork.
P11024		P. MOUNTAIN		
P11025				
P11026				
P11027				
P11028				
P11029				
P11030				
P11031				
P11032				
P11033	229	Seamus Hyland	Semi-pelitic schist.	Glenmalure, Co. Wicklow.
P11034	445	David Burrows	Chlorite/pelite schist.	
P11035	160	"	Phyllite/chlorite schist.	
P11036	275	"	Kyanite sillimanite schist + staurolite.	
P11037	276	"	" " " "	Meenabrack,
P11038	421	"	Garnet staurolite schist/grey pelite.	Millbridge,
P11039	381	"	Coarse biotite schist.	

ROCK-TYPE	LOCALITY	REMARKS
alc silicate	S. shore of Ranny Lough, Lettermacaward.	Slight presence of iron, no dolomite, twinning in calcite.
elite	Glebe, "	Possibly 2 cleavages shown by mica.
pelitic schist.	W. flank of Toome Lough, "	Sillimanite, fibrolite & graphite.
"	Shot Hill, "	Garnets & fibrolite.
"	S.W. of Toome Lough, "	Sillimanite, fibrolite & staurolite.
heralisation.	Glenmalure, Co. Wicklow.	
mi-pelitic schist.	" "	
"	" "	
uscovite' granite.	" "	
"	" "	
ornfels pelite.	" "	
iotite granodiorite.	" "	
iotite/muscovite granodiorite.	" "	
Siltstone.	?	
Calcareous mudstone.	Bullen's bay, Co. Cork.	Kinsale Formation, Member 3, with qtz, mica & opagres.
Quartz arenite.	Kinsale harbour, Co. Cork.	Courtmacsherry Formation.
Siltstone.	Sandycore Creek, Co. Cork.	Kinsale Formation, Member 3.
		" " " "
mi-pelitic-schist.	Glenmalure, Co. Wicklow.	
lorite/pelite schist.		Calcareous, S2 development. Terman schist.
yllite/chlorite schist.		V. calcareous, S2 cleavage. " "
ganite sillimanite schist + staurolite.		Upp. Falcarragh Pelites. Staurolite, fibrolite.
" " " "		" " " " In 'outer sheet bed' zone.
arnet staurolite schist/grey pelite.	Meenabrack,	Lwr Finn Pelites.
arse biotite schist.	Millbridge,	Sheet in granite. Strong fabric. ?lacking Al_2SiO_5

SECTION No.	FIELD No.	COLLECTOR	ROCK - TYPE	LOCALITY
P11040	489	David Burrows	Mylonite	Millbridge,
P11041	/	"	Andalusite schist	Lough Finn,
P11042	156	"	Mylonitized Slieve Tooley, Quartzite / Psammite.	Scraigs,
P11043	824	Mark FitzPatrick	Metadolerite	Gertan Bridge,
P11044	788	"	Limestone	Claggan lough,
P11045	102	"	Quartzite	Trentagh,
P11046	653	"	Flagstone / schist	Lafrin Hill,
P11047	565	"	Quartzite	Cabra Hill,
P11048	848	"	Pelitic schist	Claggan lough,
P11049	136	"	"	Gertan Bridge,
P11050	848	"	Aplite	Claggan lough,
P11051	159	"	Chloritic mica-schist	Tirargos,
P11052		J. Connolly		
P11053				
P11054				
P11055				
P11056				
P11057				
P11058				
P11059				
P11060		✓		
P11061	102	Liz Brogan		
P11062	173	"		
P11063	136	"		
P11064	236	"		
P11065	236	"		
P11066	246	"		
P11067	405	"		
P11068	500	"		
P11069	501	"		
P11070	B84-263'	Tim Morehead		
P11071	B84-477'	"		

[N. BRADFER COLLN. CONT'D FROM P10878. M. SC. 1981, T.C.P.]

Bollinacree

ROCK - TYPE

LOCALITY

REMARKS

schist
Slieve Tooley, Quartzite / Psammite.
ite

schist

schist

mica-schist

Millbridge,
Lough Finn,
Scraigs,
Gertan Bridge,
Claggan lough,
Trentagh,
Lafrin Hill,
Cabra Hill,
Claggan lough,
Gertan Bridge,
Claggan lough,
Tirargos,

Top of Loughros Fm. Slight metam. texture.
L. Finn Pelites. Regional garnet & rotated glaucolase.
NNW-SSW shear zone.
Metamorphic texture with hornblende / glaucolase foliation.
Limestone with quartz & mica aligned along cleavage.
Recrystallised with sutured grain contacts & chlorite growth.
Streaked chalcopyrite grains along crenulation cleavage.
"
Garnets overgrowing fabric. Quartz recrystallisation.
Staurolite overgrowing fabric.
Calcite veins & crenulation cleavage.

Slieve na Callaigh Fm.

"

"

Stonefield Fm.

"

Williamstown Fm.

Ballynamona Fm.

Longhew Fm.

Balrath Fm.

Ballinacree

SECTION NO	SAMPLE NO	COLLECTOR	ROCK TYPE	LOCALITY
P11072	384-509	Tim Morehant	LABL.	
P11073	" 568-9	" "	LABL.	
P11074	" 605-6	" "	LABL.	
P11075	" 660	" "	LABL.	
P11076	" 667.4	" "	LABL.	
P11077	" 692	" "	LABL.	
P11078	" 6965	" "	unm	
P11079	" 697	Nicole Bradfer.	"	
P11080	" 723	Tim Morehant	LABL.	
P11081	" 742	" "	"	
P11082	" 762	" "	LABL.	
P11083	" 764	Nicole Bradfer	"	
P11084	" (780.1)	Tim Morehant	"	
P11085	" 789	" "	"	
P11086	" 797.9	" "	"	
P11087	" 806	" "	"	
P11088	" 811	Nicole Bradfer	"	
P11089	" 823	Tim Morehant	"	
P11090	" 824	Nicole Bradfer.	"	
P11091	" 834	" "	"	
P11092	" 843	Tim Morehant	"	
P11093	" 859/60	" "	"	
P11094	" 1006-7	" "	"	
P11095a	" 1007.5-1009.5	Nicole Bradfer	"	
P11095b	" "	Tim Morehant	"	
P11096	" 1042-3	" "	"	
P11097	" 1066-7	" "	"	
P11098	" 1070-71	" "	"	
P11099	" 1087-8	" "	"	
P11100	" 1087-8	" "	"	
P11101		D. COLLIER		
P11102				
P11103				

CK TYPE

LOCALITY

REMARKS.

LABL.

LABL.

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CONTINUED AT TCD. P12101.

TCD. NO.

FIELD NO.

COLLECTOR

ROCK-TYPE

LOCALITY

P11202

SS 1988 →
~~SS 1988~~

VACANT - up to 12100.

P11234

✓

Section n ^o	Sample n ^o	Collector	Rock Type	Location
P12101	B84 1087-8B	Tim Marchant		Bollinsaleen
P12102	" " C	" "		
P12103	" " D	" "		
P12104	" " E	" "		
P12105	" " F	" "		
P12106	" " G	" "		
P12107	" " H	" "		
P12108	" " I	" "		
P12108	" " J	" "		
P12110	" " K	" "		
P12111	" " L	" "		
P12112	" " M	" "		
P12113	" " N	" "		
P12114	" " O	" "		
P12115	" " P	" "		
P12116	" " R	" "		
P12117	" 928-9	" "		
P12118	" 943	" "		
P12119	" 962-3	" "		
P12120	" 1115	" "		
P12121	" 1115-7	" "		
P12122	" 1124.5	N. Bradfer.		
P12123	" 1131	Tim Marchant		
P12124	" 1138	" "		
P12125	" 1149.7	N. Bradfer.		
P12126	" 1151	Tim Marchant		
P12127	" 1165-6	" "		
P12128	" 1174-5	" "		
P12129	" 896	Mike Bradfer		
P12130	" 966	" "		
P12131	" 1000.5-6.7	" "		
P12132	" 1000.7-5-9.5	" "		
P12133	" 1114	" "		

Polished thin section

Roach type

2

Location

Ballinaloe

Remarks.

about 1/2 section