

TRINITY COLLEGE
DUBLIN
GEOLOGICAL MUSEUM
PETROLOGY CATALOGUE
VOL 2

			PT	Petrology Lab.
P 1870	Slate	?	PT	
P 1871	Mylonitised Andesite	Donard Co Wicklow	" "	" "
P 1872	Red Slate	?	" "	" "
P 1873	Spotted red slate	Moel Tyfan. Snowdonia	" "	" "
P 1874	Mylonitised Granite	Margin of Leinster Granite	" "	" "
P 1875	Granulite "Moine".	Black Gap. Pettigrew. Dong.	" "	" "
P 1876	Fugate Granite	Leinster	" "	" "
P 1877	Slickensided Granite	3 Rock Mtn. Dublin	" "	" "
P 1878	Almandine Garnet Tremolite Schist.	Locality Unknown	" "	" "
P 1879	Mica Schist	Portsoy.	" "	" "
P 1880	Dolomitic Marble	Bern. Switzerland	" "	" "
P 1881	Amphibolite	?	" "	" "
P 1882	Diopside Marble.	Ponza. Pyrenees.	" "	" "
P 1883	Idocrase Garnet Marble	Donegal.	" "	" "
P 1884	Talc Actinolite Schist	Alps.	" "	" "
P 1885	Marble + Chlorite & Muscovite	?	" "	" "
P 1887	Serpentine	?	" "	" "
P 1890	Dolomite + Tremolite	?	" "	" "
P 1888	Actinolite Amphibolite Schist	?	" "	" "
P 1889	Antigorite Schist	Appenines.	" "	" "
P 1889	Actinolite Amphibolite Schist	?	" "	" "
P 1891	Antigorite Schist.		" "	" "

P 1892	Serpentine Marble	Derryclare. L. Co. Galway	P.T.	Petrol. Lab.
P 1893				
P 1894	Felsparised Amphibolite.	Embsay Co. Galway.		
P 1895	Chlorite Schist	Prossbrücken. Tyrol		
P 1896	Amphibolite	Embsay Co. Galway		
P 1897	Oolite.	?		
P 1898	Oolite	Moynagh Quarry Ballina		
P 1899	Reef Limestone	Feltium Hill		
P 1900	Shelly Limestone.	? Purbeck		
P 1901	Oolitic Marl	Selsley Common. Gloucester		
P 1902	Red Chalk	Hunstanton Cambridge		
P 1903				
P 1904	Foramifera Limestone			
P 1905	Black Limestone	Kilkenny.		
P 1906	Nuggetitic Limestone	?		
P 1907	Chalk.			
P 1908	Limestone (Turonian)	Bruckwede. Westphalia		
P 1909	Oolite	Clyden Bristol.		
P 1910	Phosphatic Limestone	?		
P 1911	Coquina. (Recent)			
P 1912	" "			
P 1913.	Coquina.			

with Paludina & reptile bones.

Miocene

Carboniferous.

" "

P. 1914	Algal limestone	Sully Hill. For. of Dean	P. T.	Petrology Lab.
P 1915	Bryozoa " "	Wenlock.	" "	" " "
P 1916	Freshwater " "	Headon Hill (Olyrae)	" "	" " "
P 1917			" "	" " "
P 1918	Magnesian Limestone	Steeley. Notts.	" "	" " "
P 1919	Augen Granite.	Leinster	" "	" " "
P 1920	Augen Gneiss	N. L. Borden?	" "	" " "
P 1921	Augen Gneiss	1 Mile SE of L. Borden.	" "	" " "
P 1922	Cleaved Ash.	?	" "	" "
P 1923	Garnet Gneiss	Ohridi Calabria	" "	" "
P 1924	Augen Gneiss.			
P 1925	Mylonitised Granite	Fronstoun. Co. Dublin		
P 1926	Garnet Qtz schist.	Limbach.		
P 1927	Foliated Aplita	Glandelough.		
P 1928	Green Grit	St Nicholas Isl. Plymouth.		
P 1929	Cleaved Mudflake Breccia	Pooka Head Hawth		
P 1930	Green Slate	Winkgate Bray.		
P 1931	Contact ss. Folds in Phyllite	Loc. Unknown	"	" " " "
P 1932	Basalt.	?		
P 1933	Limestone Granite Contact	Switzerland		
P 1934				
P 1935	Baked Chalk	Portbraddon		

Transferred to basement.

The garnets are flattened.

Transferred to basement

1 spec transf. to basement.

P	Sample	Location	P.T	Phology	Lab.
P 1936	Hornfelsed Flint nodule	Autrim	P.T		
P 1937	Contact of Lignite, Sphurite, Skan & Pyroxenite.	Lane Autrim	" "	" "	
P 1938	Cordierite Hornfels.	Heppenheim Odenwald	" "	" "	
P 1939	Hornfelsed dolerite	Schlackenborn Harz	" "	" "	Transferred to basement.
P 1940	" " limestone.	Hennrichsburg. "	" "	" "	
P 1941	Andalusite Hornfels.	Ballycorus	" "	" "	
P 1942	Marble.	Dungriven.	" "	" "	Hornfelsed by basalt dyke.
P 1943	Mica Hornfels.	Switzerland. Pies. Chamwood	" "	" "	
P 1944	Hornfelsed slate	Tordankopf Harz.	" "	" "	Transferred to basement
P 1945	Hornfelsed slate.	Kunkelkopf. Ischer See	" "	" "	
P 1946	Hornfels.	?	" "	" "	Krantz spec. (12)
P 1947	Felspathic Hornfels.	Talhom. Vosges.	" "	" "	" " " " (16) Transferred to basement.
P 1948	Hornfelsed sandstone	Wildenstein. Hesse	" "	" "	Bunter sst baked by basalt dyke.
P 1949	Spotted Schist.	Schneeberg Saxony	" "	" "	
P 1950			" "	" "	
P 1951	Andalusite Mica Schist	Killiney Co. Dublin	" "	" "	
P 1952	Ottrelite Schist	Othrez Belgium	" "	" "	
P 1953	Slate	Rannoch Ardms.	" "	" "	Cambrian.
P 1954	Andalusite Phyllite	Gefrees. Fichtelgebirge	" "	" "	
P 1955	"Sporozite"	Henslein Oberstein	" "	" "	
P 1956	Ottrelite schist	Othrez Belgium	" "	" "	
P 1957	Topaz Rock	Schneeberg Saxony	" "	" "	

P 1958	Recrystallized Gypsum	Kingscourt.	P.T	Petrology Lab.	From the contact with a dolomite dyke.
P 1959	Andalusite slate	Skiddaw.			
P 1960	Adinole	Hennrichsberg Harz.			
P 1961	"Spilosite". Cordierite schist	Skiddaw. Hornstein Okerstein.	" "	" "	
P 1962	? Lahite Spumite.	Nr Lame Antrim			
P 1963	Andalusite Schist	Fichtelgebirge			
P 1964	"Vitrrophyre".	Wechselburg Saxony.			Transferred to Basement.
P 1965	Pyroxenite with Mallite	Nr Lame. Antrim.			Contact reaction of a dolomite plug with Chalk.
P 1966	Black slate	Killadon. Co. Mayo			Irish shaly slates.
P 1967	Purple slate	Derby Glen. Co. Wick			Bray Series.
P 1968	Slate	Mutlart. V. Rhodia			
P 1969	" "	Ringbells. Co. Cork			
P 1970	" "	O.R.S. R. L. City. Nr Clashmore			
P 1971	" "	Nr Fughim. Wicklow			
P 1972	" "	Schneeberg.			
P 1973	" "	Pennsylv.			
P 1975	" "Dark Killas."	Cornwall			
P 1974					
P 1976	Slate	Schneeberg.			
P 1977	Silty slate	Fughim			
P 1978	Purple Slate (ORS)	Valentia Island			
P 1979	Slate	Netherlands			

P1980	Grey Slate	Aughrim	PT	Petrol Lab
P1981	Phyllite	?	" "	" "
P1982	Cherty slate	?	" "	
P1983	Slate	Dunlavin	" "	
P1984	Schistose Oolitic hostae	Doggar. W. M. J. J.	" "	
P1985	Mica Schist	?	" "	
P1986	Mica schist	Freiberg	" "	
P1987	Lined red slate	Near Wesford.	" "	
P1988	Strain Slip Folds in Schist.	?	" "	
P1989	Similar Fold in pelite.	Isle of Man	" "	
P1990	Phyllite (Devonian).		" "	
P1991	Microfolds in pelite.	?	" "	
P1992	Lined phyllite	Summit of Seahen Co. Dublin	" "	Transf. to basement.
P1993	Talc Schist	Chatterhill Delaware	" "	Transf. to basement.
P1994	Garnet Mica Schist.	?	" "	Transf. to basement.
P1995	Mica Quartz Schist.	Murlough bay (Dahurian)	" "	" " "
P1996	" " " " "	?	" "	" " "
P1997	Actinolite Mica Schist	?	" "	Transf. to basement.
P1998	Quartz Mica Schist.	Bunabay Head Antrim	" "	
P1999			" "	Transf. to basement.
P2000	Andalusite Slate	Skiddaw.	" "	transf. to basement.
P2001	Tremolite schist	Glenmacrass. Wicklow	" "	" " " "

P 2002	Gneiss.	?
P 2003	Biotite Gneiss	Romsdal Norway
P 2004	Granulite	Perig Saxony
P 2005	Hornblende Gneiss	?
P 2006	" " " "	?
P 2007	Refolded Foliated banded Schist.	Luggelau. Co. Wicklow
P 2008	Gneiss	Saxony
P 2009	K. felspar Gneiss	Wakholm.
P 2010	Semipelite Schist.	Nr Clonbur Co Galway
P 2011	Pyroxene Gneiss.	L. Inver. Assynt
P 2012	"Häula" Gneiss.	Alps.
P 2013	Gneiss	Wegeland Christiansand
P 2014	Gneiss.	?
P 2015	Granulite.	?
P 2016	Plagioclase Gneiss	Glen Co. Donegal.
P 2017	Granulite.	?
P 2018	Foliated dyke in Gneiss	L. Inver. Assynt.
P 2019	Plagioclase Gneiss	Glen Co. Donegal.
P 2020	Granulite	
P 2021	Gneiss.	
P 2022	Garnet Mica Schist	Saxony.
P 2023	Gneiss	Freyberg.

Krantz spec (109).

Transf. to basement

Transf. to basement.

Krantz spec. (260).

Krantz spec. (121).

Transf. to Basement. Assynt Coll.

Krantz (117).

" " (116)

Pet. Lab. 14/6

P 2024	Granulite	?
P 2025	Gneiss.	Christiania
P 2026		
P 2027	Granulite	
P 2028		
P 2029	Gneiss	Freyburg.
P 2030	Hornblende Gneiss.	?
P 2031	Gneiss	Freyburg.
P 2032	Graphitic Schist.	Summit of Little St. Bernard
P 2033	Marble	Prossapenna.
P 2034	Red Marble	Middleton Co. Cots.
P 2035	Marble.	Grottenhof.
P 2036	" " (Jurassic)	Andermatt. Switzerland
P 2037	Serpentine Marble	?
P 2038	Limestone	Muckross. Killarney
P 2039	Predazzoite	Canzasci Predazzo. Tyrol
P 2040	Garnet Wollastonite Mabb.	?
P 2041	Dolomitic Marble	Iona.
P 2042	Serpentine Marble	?
P 2043	Calcareous Schist	Simplon Tunnel.
P 2044	"Pencatite"	Canzasci. Predazzo Tyrol
P 2045	Marble.	L. Salt. Dorego.

Krantz spec. (118).

Krantz 120.

Krantz spec. (108).

(Carboniferous)

P 2046	Marble (? Lias).	Tourmagne. Upper Rhone.	P T	Petr Lab
P 2047	" "	Wildenau. Schwarzaberg ^{Saxony}	" "	" "
P 2048	Serpentine Marble	Chatham. Delaware	" "	" "
P 2049	" " " "	Douglas. L. Galway		
P 2050	Marble	Dunlewy Co. Donegal		
P 2051	" "	?		
P 2052	" "	Conroy Raphoe		
P 2053	Serpentine Marble	Barnaoran. Galway		
P 2054	Marble.	W of L. Naillion " "		
P 2055	" "	" " " " " "		
P 2056	Serpentine Marble	Connamara.		
P 2057	" " " "	India.		
P 2058	Eclogite	Eppenstein.		
P 2059	Amphibolite.	?		
P 2060	" "	?		
P 2061	" "	?		
P 2062	Eclogite	?		
P 2063	Amphibolite	Dunlewy Donegal		
P 2064	Biotite Amphibolite			
P 2065	Eclogite	Robert Victor-Dunard Mns		
P 2066	Amphibolite	Eppenstein Barana		
P 2067	Diorite Gneiss.	?		

Krantz spec (1).
Traced to basement.

Diamond bearing. (Orange Free State) Presented by P.A. Wagner.

Krantz. spec (248).

P 2P2068.	Gamet Amphibolite?	
P 2P2069	Serpentine	?
P 2P2070	" " "	?
P 2P2071	Serpentine	Portray
P 2P2072	Serpentine	The Lizard Cornwall
P 2P2073	" " "	Zermatt Valley
P 2P2074	" " "	Top of Metsova Pass. Pindus Mts.
P 2P2075	" " "	?
P 2P2076	" " "	Lough Gill. Sligo
P 2P2077	Talc Schist	Croagh Head Donegal.
P 2P2078	Talc Chlorite Schist	Graubünden. Alps.
P 2P2079	" " " " "	?
P 2P2080	Serpentine	Slishwood. Co Sligo
P 2P2081	Serpentine with Gamet	Zöblitz Saxony
P 2P2082	Talc Chlorite Schist	?
P 2P2083	Serpentine	Appenines.
P 2P2084	" " "	?
P 2P2085		
P 2P2086	" " "	? Cornwall.
P 2P2087	" " "	?
P 2P2088	Serpentine Marble	Comanera
P 2P2089	Serpentine	Flagstaff Quarry Cornwall

P. T. Petrology lab.

W. Greece.

1 Spec.

10. Thin sections.

P 2090		
P 2091	Cordierite	
P 2092	Garnet + Chlorite	Piedmont
P 2093	Epidote	Bourbon.
P 2094	Garnet	
P 2095	Talc.	Donegal
P 2096	Fosterite Garnet Marble ?	
P 2097	Grossular Wollastonite Skan.	Donegal
P 2098	Vesuvianite	Dang Lougham Donegal
P 2099	Andalusite	Tyrol.
P 2100	Chastollite	Stirling V.S.F.
P 2101	Sillimanite	Brande Nr Breiz Norway
P 2102	Kyanite	Gleneg. Scotland
P 2103	Zoisite	Pfitch Tyrol
P 2104	Zoisite "Thulite"	Tellmarken Norway
P 2105	Glaucophane Schist	Palo Alto. California
P 2106		
P 2107	Vesuvianite	? Donegal
P 2108	Grossular	Darondal.
P 2109	Almandine	L. Gave. Ross.
P 2110	Staurolite	?
P 2111	Tremolite Hornblende Garnet	Donegal

Apjohn catalogue 231.

Apjohn Catalogue 185.

Apjohn " " 204.

Apjohn " " 228.

" " " 281.

Apjohn. Catalogue. 247.

P2112	Andalusite	Bayreuth	P.T	Petrol. Lab	
P2113	Garnet & Diopside	Piedmont	P.T	"BASEMENT Museum	
P2114	? Mud flow with shale flakes	Quarry 1.5 miles N.W. of Boolyglass. Kilkenny.	P.E. x14	"	
P2115	Trachy-basalt.	Caher conlish.	P.E. x8	Museum	
P2116	Tourmaline pegmatite	Leinstor	P.E. x3	Museum	
P2117	Granite with xenoliths	Newry.	P.E. x2	Museum	
P2118	Foliated granite with xenoliths		P.E. x7	Museum	
P2119	Basic injection greiss with interbanded amphibolite & granitic bands		P.E. x3	Museum	
P2120	Granitic biotite greiss		P.E. x2.	Museum	
P2121	• Tonalite.	Outer Tonalite. Andara.	P.E. x1	" "	15 Thin sections in. Petrology lectures room.
P2122	Granite	Galway.	P.E. x1.	" "	12 " " "
P2123	Sillimanite Schist	Mass. Turk Mts Galway	P.E. "	" "	12 " " " (with Faserkiesel)
P2124	Nepheline Syenite	Pitlenor. do. Cap. Brazil	P.T	Petrol lab	10 " " " Petr. Lab. Granite spec. 37 (41)
P2125	Lahar.	?	P.T.	" "	
P2126	Leucite Basalt	Vesuvius.	P.T	" "	
P2127	Peridotite	Letford Hill. Poundstone	P.T.	" "	10 T.S. (Co. Galway).
P2128	Theralite.	Lugar Sill. Ayr	" "	" "	" " " " " "
P2129	Luggite	" " "	" "	" "	5 specs. 5 x T.S.
P2130	Teschonite	" " "	" "	" "	3 " " from 3ft below top of Sill.
P2131	" "	" " "	" "	" "	3 " " 10ft below Carboniferous sandstone.
P2132	Picrite	" " "	" "	" "	3 " " "
P2133	Peridotite	" " "	" "	" "	" " " "

P2134	Granodiorite	Ardena. Central Intrusion	P.T.	Petrol Lab.		3 Thin sections.
P2135	Garnet Wollastonite Scham	Donegal.	" "	" "	should be teaching	3 " " "
P2136	Amphibolite	" "	" "	" "		3 " " "
P2137	Metaschist	" "	" "	" "		3 " " "
P2138	Sillimanite Hornfels.	" "	" "	" "		2 " " "
P2139	Biotite Hornfels	" "	" "	" "		3 " " "
P2140	Marble	Portnoo Donegal	" "	" "		3 " " "
P2141	Hornfelsed Geywaacke.	Lettermullen Co. Galway.	" "	" "		2 " " "
P2142	Andalusite Pegmatite	Connerara " " "	" "	" "		(6 " " ")
P2143	K Felspar Gneiss.	?	PE	Museum BASEMENT	1 spec.	
P2144	Pyroxene feld in Gneiss.	?	PE	" "	1 spec.	
P2145	Pt. Carbon Gneiss.	Adirondacks.	PE	" "	1 spec.	
P2146	"Igneous Contact"	N. Carolina.	PE	" "	1 spec.	
P2147	Lahar.	Ordovician Transvaal	PE	" "	1 spec.	
P2148	Phyllite	?	PE.	" "	1 spec. Multiple Limestones.	
P2149	Andalusite Hornfels	Ballyconus. Dublin			1 spec.	6 Thin sections.
P2150	Granite	? Newry.	P.E.	Museum	7 spec.	
P2151	Norite.		P.T.	Petrol Lab.	1 spec. Hypoethane.	14 " " "
P2152	Eclogite.	Silberbach hof. Bavaria	P.T.	" "	1 spec.	10 " " "
P2153	Granulite	The Black Gap. Nr Pettigoe Co. Donegal.	P.T.	" "	1 " "	10 " " "
P2154	Pyroxene Granulite		P.T.	" "	1 " "	10 11 " " (Exam Set)

P.2155	Dunite.	Ennsb. Nr. Roundbar	P.	Petrol. Lab	1 Spec.	1 Thin section.
P.2156	Troctolite	Co. Galway.	P	" "	4 " "	1 " " "
P.2157	Basalt	Lunga.	P.	" "	1 " " Porphyritic.	9 " " "
P.2158	Odenite	Kühler Grund. Eberstadt Odenwald	P	" "	1 " "	
P.2159	Vogesite	Zwungenberg Odenwald	P	" "	" " "	
P.2160	Rhyolite Porphyry + Mica	Bergstrasse	P	" "	" " "	
P.2161	Minette	Thalhorn Vosges	P	" "	" " "	
P.2162	Limburgite	Limburg. Baden	P	" "	" " "	
P.2163	Minette	Steige Vogesen	P	" "	" " "	
P.2164	Kersantite	Cheam de Fete Vosges.	P	" "	" " "	
P.2165	Lamprophyre	Slane Co. Meath	P	" "	" " "	
P.2166	Kersantite	—	P	" "	" " "	
P.2167	" "	Gailbach Fischaffenberg Spessart.	P.	" "	" " "	
P.2168	Spessartite	Stengerts. Spessart.	P			Kranz 82 (110).
P.2169	Vogesite	Hohwald Vogesen.	P.			80 (108)
P.2170	Kersantite	Langenschwalbach Taunus	P.			
P.2171	Lamprophyre	Murlough bay. Antrim				
P.2172	Spilite	Weilburg a. d. Lahn Nassau. P.T.			1 spec.	Kranz 147 (207)
P.2173	Palagonite Tuff.	Kempenich Laacher See. Rhein. Pr.	PT	" "	1 spec.	Kranz 143 (202)
P.2174	Porphyritic Muscovite Granite	Granite. III Lüneburg	" "	" "	1 spec.	
P.2175	" " K-feldspar	" " II " "	" "	" "	1 " "	

P2176	Biotite Granite.	Lenista	P.T.	Petrology Lab.	Shows flow banding.	
P2177	Granite.	Galway	" "	" "	1 spec.	
P2178	Granite	Galway	" "	" "	1 spec.	
P2179	Diorite	Cockermouth, Cumberland	" "	" "	6 specs.	
P2180	Orbicular Diorite	Loc. Unknown	" "	" "	2 " "	
P2181	Epidiorite	Donegal	" "	" "	1 " "	
P2182	Tourmaline Schist					
P2183	Biotite Schist.	Loc. Unknown	" "	" "	1 " "	
P2184	Phonolite.	" " "	" "	" "	10 Thin sections. (Shaughnessy).	
P2185	Serpentine Marble	Connemara	" "	" "	17 " " " 7 Teaching 10. Exam.	
P.2186	Laurdalite	Langesund Fjord. Norway	" "	" "	Krantz. 28(37). 10 Thin sections.	
P.2186	Basal Teschenite	Lugar Sill Apr.	" "	" "		
P.2188*	Conglomerate with native Cu.	Calumet. L. Superior.	P.E.	Basement Museum	7 Specimens.	
P2189	Albite	Alnö	P. R.	Petr. Lab 2/1	Boulder on shore.	TSx1
P2190	Fenite	" "	" "	" " 2/1		TSx1
P2191	Albite	" "	" "	" " 2/1		2 pcs TSx1
P2192	Ilmenite	" "	" "	" " 2/1	Titaniferous magnetite, Alnö.	TSx1
P2193	Melanite Nepheline rock	" "	" "	" " 2/1		TS
P2194	Jacupirangite	" "	" "	" " 2/1		TS
P2195	Fenite	" "	" "	" " 2/1		TS
P2196	Carbonatite - Syenite.	" "	" "	" " 2/1	with Knapite	TS
P2197	Neph. Syenite	" "	" "	" " 2/1	" " Melilite & Basalt dyke.	TS (not neg. h. syenite)
	Fenitized microcline granite cut by altered dolerite basalt.					

P 2198	Quartz porphyry.	Ährö.	P.R.	Pet. Lab. 2/1		TS
P 2199	Tinguaita	" "	" "	" " 2/1		TS
P 2200	Ere-gamed Neph. ^{Quartz} Sörite	" "	" "	" " 2/1		TS Not Neph - well foliated butting veins.
P 2201	Lamprophyre.	" "	" "	" " 2/1	from a sheet cutting Rtz. porphyry.	TS.
P 2202	Coarse Neph. Sörite	" "	" "	" " 2/1	NE. side	TS
P 2203	Jolite	" "	" "	" " 2/1		TS
P 2204	Ähröite	" "	" "	" " 2/2	Loc. 9. Melilita. Camptonite.	TS
P 2205	Contact. Foyaite/Melteigite	" "	" "	" " 2/2	Loc. 4. Long Regime crystals. abundant phase.	2 spec. TS
P 2206	Sörite	" "	" "	" " 2/2	Smedsgården Quarry.	TS
P 2207	? Jolite	" "	" "	" " 2/2	Loc. 3. Small Quarry S. of road, between Höring & Stormsät.	TS
P 2208	Jacuprangite	" "	" "	" " 2/2	Loc. 3.	TS
P 2209	Sörite + pyroxene.	" "	" "	" " 2/2	Loc. 6.	TS
P 2210	Sörite	" "	" "	" " 2/2	Loc. 10.	2 spec. TS
P 2211		" "	" "	" " 2/2	Rd cutting between 3 & 5.	TS
P 2212	Borenjite	" "	" "	" " 2/2	Loc. 12.	TS
P 2213	Breccia.	" "	" "	" " 2/2		TS
P 2214	Melteigite (in Sörite)	" "	" "	" " 2/2	Loc. 10.	TS
P 2215	Dyke.?	" "	" "	" " 2/2	cut Sörite of Smedsgården.	TS
P 2216	Calcite granite	" "	" "	" " 2/2		TS
P 2217	Sörite	" "	" "	" " 2/2		TS
P 2218	" "	" "	" "	" " 2/2		TS
P 2219	" "	" "	" "	" " 2/2		TS

P2220		Åmø	P.R.	Pet. Lab. 2/2	Beach pebble. Loc. 5. (2 photos.	TS
P2221	Fonite	" "	" "	" .. 2/2	R.L. cutting SE of Hornsholm.	TS
P2222	Nepheline Syenite Pegmatite.	" "	" "	" .. 2/2		TS
P2223	Granite.	" "	" "	" .. 2/3		
P2224	Syenite	Brevig Norway	" "	" .. 2/3	with Wöhlerite and Euclite.	
P2225	Lamprite	Lamvik " "	" "	" .. 2/3		
P2226	" "	" " "	" "	" .. 2/3		
P2227	" "	" " "	" "	" .. 2/3		
P2228	Syenite	" "	" "	" .. 2/3	with large Zircon. (T.2.)	2 spcs.
P2229	Mosandrite	" "	" "	" .. 2/3		8 spcs.
P2230	Nephelite & Molysdenite	Löven Norway	" "	" .. 2/3		
P2231	Mosandrite.	Löven Norway.	" "	" .. 2/3		
P2232	Rosenbuschite	Skutesundskjaer " "	" "	" .. 2/3		
P2233	Astrophyllite	?	" "	" .. 2/3		
P2234	Zircon & Fluorite	Löven	" "	" .. 2/3		
P2235	Euclite	Skutesundskjaer.	" "	" .. 2/3		
P2236	Thorite	" " "	" "	" .. 2/3		
P2237	Wöhlerite	" " "	" "	" .. 2/3		
P2238	Hambergite	Tredalen Pegmatite.	" "	" .. 2/3		
P2239	Neph. Syenite Pegmat.	Löven. Norway.	" "	" .. 2/3		
P2240	Calapelite	" " " "	" "	" .. 2/3		
P2241	Pegmatite	" " " "	" "	" .. 2/3	with Mosandrite. Aegirine. Nepheline Cryptophite & Magnetite.	

P 2242	Trondheimsite ^(Granite)	Oslo Fjord. Norway	PR.	Petr. Lub. 2/3	
P 2243	Porphyritic Syenite.	Kinnarasa.	" "	" " 2/4	Foot wall.
P 2244	Magnetite + Augite	" " "	" "	" " 2/4	
P 2245	Quartz porphyry	" " "	" "	" " 2/4	Hanging wall.
P 2246	Amygdales Syenite	" " "	" "	" " 2/4	Foot wall.
P 2247	Syenite porphyry.	" " "	" "	" " 2/4	cuts ore body at 90° N of summit.
P 2248	"Soda breccia"	" " "	" "	" " 2/4	Kinnarasa Series.
P 2249	Syenite.	" " "	" "	" " 2/4	of the foot wall. This can be traced into vesic. porphyry.
P 2250	Apatite.	" " "	" "	" " 2/4	with "needle iron ore".
P 2251	Syenite inclusions in Iron Ore	" " "	" "	" " 2/4	Foot wall.
P 2252	Syenite porphyry.	" " "	" "	" " 2/4	" " " " with Hornblende & Sphene.
P 2253	Metadiorite.	Malmberg. Gellivare.	" "	" " 2/4	
P 2254	Apatite	" " " "	" "	" " 2/4	
P 2255	Sillimanite Schist.	" " " "	" "	" " 2/4	
P 2256	Gneiss.	" " " "	" "	" " 2/4	From the edge of the ore body.
P 2257	Iron Ore.	" " " "	" "	" " 2/4	
P 2258	Syenite porphyry	Gellivare.	" "	" " 2/5	"with relict structures"
P 2259	Apatite Iron ore.	Luossavaara.	" "	" " 2/5	Dike or vein in the porphyry.
P 2260	Gabbro.	Hägrickan.	" "	" " 2/5	
P 2261	Anorthosite.	of Norlingra Hägrickan	" "	" " 2/5	
P 2262	Granite	E of Uljohamn. Uljö	" "	" " 2/5	
P 2263	Dolerite	Uljö	" "	" " 2/5	

P. 2264	Iron Ore.	Southem Uljö	P.R.	Petro Lab.	2/5	
P. 2265	"Peridotite" ?	Handöl.	" "	" "	2/5	
P. 2266	Peridotite	Handöl Quarries.	" "	" "	2/5	
P. 2267	Talc Schist	" "	" "	" "	2/5	3 pcs.
P. 2268	Rapakivi porphyry.	Rodö.	" "	" "	2/5	shows zoned + cleavages.
P. 2269	Rapakivi Granite	" "	" "	" "	2/5	
P. 2270	" " " "	" "	" "	" "	2/5	shows zoned + cleavages.
P. 2271	Granite	Björna.	" "	" "	2/5	Late Archaean of the Ripsund type.
P. 2272	Altered Peridotite	Handöl Quarries.	" "	" "	2/5	
P. 2273	Borolanite.	Borolan Assynt.	" "	" "	2/6	
P. 2274	" "	" " " "	" "	" "	2/6	shows "Pseudoleucites".
P. 2275	" "	" " " "	" "	" "	2/6	Crushed.
P. 2276	Contact Met. Marble.	Lednæ. Borolan Assynt	" "	" "	2/6	
P. 2277	Apatite	Kragerø. Norway.	" "	" "	2/7	
P. 2278	Ilmenite	" " " "	" "	" "	2/7	
P. 2279	Nepheline Syenite	Löven.	" "	" "	2/7	
P. 2280	Fenite Fragments in Carbonatite	Fen. Norway.	" "	" "	2/8	Fenite altering to Hollite on edges (Conc. Plant) TS
P. 2281	Precambrian Gneiss	Fen. " "	" "	" "	2/8	TS
P. 2282	Fenite frags in Carbonatite	" " "	" "	" "	2/8	TS
P. 2283	Sörile	Tufte Tunnel. Fen. Norway.	" "	" "	2/8	+ Magnetite. Biotite. Tremolite. Pyroxhore. TS
P. 2284	Pyroxhore Ore	Hydro pit " " "	" "	" "	2/8	TS
P. 2285	" "	Tufte Tunnel " " "	" "	" "	2/8	TS

P. 2286	Sörite Hollaite Contact.	Tufte tunnel Fen Norway.	PR.	Petrol. Lab.	2/8	TS
P. 2287	Smelted Ferro Niobium Alloy	Fen Norway	"	"	2/8	
P. 2288	Fenite.	Hydro pit Fen.	"	"	2/8	TS
P. 2289	Fenitised Apatite.	Fen Norway.	"	"	2/8	TS
P. 2290	Fenitised pegmatite in breiss.	East of Fen Complex	"	"	2/8	TS
P. 2291	Hematite	Fen near Mine.	"	"	2/8	TS & 1
P. 2292	Damjernite + breiss. frags.	" Norway.	"	"	2/8	
P. 2293	Hematite				2/8	TS
P. 2294	Hollaite.	Fen. (concentrated plant).	"	"	2/8	TS
P. 2295	Concentrated Pyrochlore Apatite.	Fen. Norway.	"	"	2/8	TS
P. 2296	Tungstate	Fen " " conc. plant	"	"	2/8	TS
P. 2297	Leucocratic Segreg. in Melteigite	Melteig Farm. Fen.	"	"	2/8	TS
P. 2298	Damjernite.	Hydro Quarry.	"	"	2/8	TS
P. 2299	Melteigite	Melteig Farm. Fen.	"	"	2/8	TS
P. 2300	Sillimanite Hornfels.	Lough keel Donegal.	"	"	4/1	Collection from the Thom. District. Don T/6
P. 2301	Calcite Marble	Lough Nagilly Donegal	"	"	4/1	Don T/9
P. 2302	Marble	" " " "	"	"	4/1	14
P. 2303	Chondrodite Skarn	Ardsmean. Donegal	"	"	4/1	+ Actinolite and chlorite. Don T/4
P. 2304	" " " "	" " " "	"	"	4/1	" " " "
P. 2305	Silicious band.	Lough Nagilly Donegal	"	"	4/1	Stratigraphically above P. 2307. Don T/8
P. 2306	" " " "	" " " "	"	"	4/1	" " " "
P. 2307	Garnet Idocrase Skarn.	" " " "	"	"	4/1	" " " " Don T/7

P. 2308	Garnet Idocrase Skarn.	Lough Nagilly Donegal.	P.R.	Petrol. Lab.	4/1		Don T/7
P. 2309	Outer Tonalite	Narim/Ardara Rd. Junct.	"	"	4/1	Ardara collection	Don A/4
P. 2310	Andalusite Hornfels.	Clooney Hill Donegal.	"	"	4/1	" " " "	Don A/10
P. 2311	Appinitic Amphibolite	Mill Ponds Complex Old Donegal Rd	"	"	4/1		Don A/3
P. 2312	Sillimanite Hornfels.	Ardara Donegal	"	"	4/1	Thorn " "	Don T/3
P. 2313	Older Granite	" " " "	"	"	4/1	" " " "	Don T/1
P. 2314	Biotitic Amphibolite.	Mill Ponds Complex. Kilrain.	"	"	4/1	Ardara " "	Don A/2
P. 2315	Orbicular Granite.	Mullaghday. Rosses.	"	"	4/2	Rosses " "	
P. 2316	" " " "	" " " "	"	"	4/2	" " " "	
P. 2317	Granite of the Main Mass.	0.5 ml. East of Crookback Mts.	"	"	4/2	"	
P. 2318	" " " " " "	" " " " " "	"	"	4/2		
P. 2319	Migmatized Granite	" " " " " "	"	"	4/2		Don B/3
P. 2320	Granite of the Main Mass.	Barnes Gap. Donegal	"	"	4/2		B/1
P. 2321	Orbicular Granite	Mullaghday. Rosses.	"	"	4/2		
P. 2322	" " " "	" " " "	"	"	4/2		
P. 2322 67					4/2		
P. 2323	Central Granodiorite	Ardara. S. of Beagh Bridge.	"	"	4/2		
P. 2324	Outer Tonalite.	" " Rd cutting I.S. Mts. Glenelg Co. Mass.	"	"	4/2		
P. 2325	" " "	" " " " " "	"	"	4/2		Don A/5
P. 2326					4/2		
P. 2327	Schlieren in Granite.	Travemagh Bay type. 7.5 ml. W of Meandolan.	"	"	4/2		Don R/1
P. 2328	Porphyry Dyke	SE of L. Navanagh. Rosses.	"	"	4/3		Don R/7
P. 2329	Granite G. 2.	Sheekmarone Rosses.	"	"	4/3		Don R/8

P. 2330	Cor. Quartzite	Crockard Hill Donegal.	P.R.	Petrology Lab 4/3	Mass area collection (M. 2).	2 sps.
P. 2330	Granite	G. 2. Shakinavone. Rossa	" "	" 4/3	Rossa " " (R. 3).	
P. 2332	Gneiss Schist.	Derryloaghan School. Mass. Donegal	" "	" 4/3	Mass area " " (M. 7).	
P. 2333	Metadolomite	Clangart Hill. Mass. Donegal	" "	" 4/3	" " " " (M. 3).	
P. 2334	Granite.	G. 2. L. Tunny. Rossa	" "	" 4/3	Rossa collection (R. 4).	
P. 2335	Granite	G. 3. N. of Meenbane Hill	" "	" 4/3	" " " " (G. 3).	
P. 2336	" "	G. 1. E. SE of St Columbas Church	" "	" 4/3	" " " " (G. 1).	Burtonport.
P. 2337	Biotite Hornfels.	Clangart Hornfels. Clangart Hill.	" "	" 4/3	Mass area " " (M. 4).	
P. 2338	" " " "	" " " " " "	" "	" 4/3	" " " " " "	
P. 2339	Meta-Dolomite	In Portnoo. Lst. S. side of Gweebarra bridge.	" "	" 4/3	" " " " M. 5.	
P. 2340	Marble.	Portnoo Lst. " " " "	" "	" 4/3	" " " " M. 1.	
P. 2341	Amphibolized Spinite.	Mulnamore More. Mass.	" "	" 4/3	" " " " M. 6.	2 spcs.
P. 2342	Tremolite Marble.	Sessagh. Lough. Cresslough. Don.	" "	" 4/4	Cresslough Succ. Col. C. 4.	
P. 2343	Marble.	Dunlewy. " " " "	" "	" 4/4	" " " " C. 2.	3 spcs.
P. 2344	Contact Schist.	SE. approach to Banes Gap.	" "	" 4/4	Banes " " B. 6.	
P. 2345	Amphibolite	Dunlewy. Cresslough. Don.	" "	" 4/4	Cresslough " " C. 1.	
P. 2346	Granulite.	Moine, L. Derg. 1.1/2 m. SE. Laghy.	" "	" 4/4	L. Derg. Collect. D. 1.	2 spcs.
P. 2347	Wollastonite Gneiss Stram.	1 Mile from SE of Main Granite	Banes Gap.	" "	Banes Coll. B. 5.	
P. 2348	Migmatized Quartzite	0.5 mi. E of Crockback. Mtn.	P.P.	" "	" " " " B. 4.	
P. 2349	Quartzite	Frds. Dunlewy.	" "	" 4/4	Cresslough Coll. C. 3.	2 spcs.
P. 2350		" "	" "	" 4/4		
P. 2351	Crushed Amphibolite	S. Helen. W. Wexford.	" "	" 4/5		2 spcs.

P. 2353	Migmatite	Kilmore Quay. Wexford.	P.R.	Petrol. Lab.	4/5	
P. 2352	Porphyritic Granite	Carnesore Pt. " " "	" "	" "	4/5	
P. 2354	Granite	" " " " "	" "	" "	4/5	
P. 2355	"	" " " " "	" "	" "	4/5	
P. 2356	Crushed Amphibolite	St. Helens. Co. Wexford.			4/5	2 spcs.
P. 2357	Porphyritic Granite.	Carnesore Pt. Co. Wexford.			4/5	2 spcs.
P. 2358	Biotite Aplite.	" " " " " "			4/5	2 spcs.
P. 2359	Crushed Amphibolite	St Helens. Co " "			4/5	2 spcs
P. 2360	" " " "	" " " " " "			4/5	2 spcs.
P. 2361	Trachytic Breccia	Caherconlish. Co. Tipperary			4/6	2
P. 2362	Croagh Beds. Congl. st.	Comeragh Mtns.			4/6	2
P. 2363	" " " "	" " " "			4/6	3
P. 2364	Trachytic Breccia	Caherconlish. Co. Tipp.			4/6	2
P. 2365	Trachyte.	Caherconlish " "			4/6	
P. 2366	Dolomite	Hook Head. " Wexford			4/6	
P. 2367	Chondrites bed + Silite	Base of Carb. Hook Head.			4/6	
P. 2368	Plant Remains in Micaceous. Sst	D.R. S. Transition beds " "			4/6	2
P. 2369	Quartzite	Ordnance. Waterford Town.			4/6	
P. 2370	Quartz Conglomerate	Whiting Bay.			4/6	
P. 2371	Reef Limestone	Centre of Arghua Anticline.			4/6	T.S. P. 837.
P. 2372	? Ignimbrite.	Waterford Town.			4/6	
P. 2373	Nier Sandstone	Nier Valley. Comeragh.			4/6	

Index No.	Name.	LOCALITY	Set.	Number.	STORED in?	Miscellaneous Notes. etc.
P.2374	Hyposthene	Mt Venus	—	—	Petrology Lab 4/7	—
P.2375	^{Dolerite Dyke} BIRDS EYE Tuff.	Clogher Head Co. Kerry	P.E. x 29 - i.e. 29.	—	Basement Museum exam Collection.	10 thin sections — in teaching set
P.2376	Lsh	Clogher Head, Co. Kerry	P.E. x 10 - P.T. x 32	—	P.E. in Museum, & P.T. in Main Lab.	" "
P.2377	IGNIMBRITE	Clogher Head, Co. Kerry	P.E. x 22 + P.T. x 24	—	P.E. in Museum & P.T. in Main Lab.	" — in exam. set (ASH)
P.2378	PHOSPHATE ASH	KNOCKHEAD, Co. Limerick	P.E. x 15 (NO P.T.)	—	P.E. in Museum.	" Basaltic lithic lapilli tuff. (teaching set) in exam. set (ASH)
P.2379	mylonite ASH	Rockbrook. ?	P.E. x 8	—	Petrology Lab 4/7	Ceclax. ✓
P.2380	Granite auger gneiss	Mount Venus.	—	—	" 4/7	
P.2381	Aplite.	" "	—	—	" 4/7	
P.2382	Graphitic Sphillite	Mt. Venus Gr.	—	—	" 4/7	
P.2383	Sheared Granite	" " "	—	—	" 4/7	2 sps
P.2384	Granite auger gneiss	" " "	—	—	" 4/7	2 sps.
P.2385	Hornfelsed laterite & bauxite	Yivelloliach Antrim	—	7/12.	" 5/1	with Mullite, haematite - pseudobrookite - cristobolite
P.2386	" " " " "	"	—	7/1.	" 5/1	" " " " hercynite - ilmenite - Eridymite.
P.2387	" " " " "	"	—	7/2.	" 5/1	" " Iron Corundum, iron rich Mullite, haem. Pseudobrookite.
P.2388	" " " " "	"	—	61060. 87	" 5/1	" " Mullite & Cristobolite.
P.2389	" " " " "	"	—	53.	" 5/1	" " Mullite - Anorthite - spinel - ilmenite - hypersthene Eridymite - cristob.
P.2390	" " " " "	" Upper S. Contact.	—	70912	" 5/1	" " Cordierite - Hypersthene - haematite - pseudobrookite
P.2391	Laterite & Bauxite	"	—	72294	" 5/1	2 sps. + Halloysite
P.2392	Laterite at contact.	"	—	74250	" 5/1	
P.2393	" " " "	"	—	—	" 5/1	
P.2394	" " " "	"	—	—	" 5/1	
P.2395	Hornfelsed laterite	"	—	—	" 5/1	

	Name	Locality	Set	Number	Stored in?	Miscellaneous Notes etc.
✓ P.2396	Dolerite	Gievebolliach Antrim			Petrology Lab. 5/1	
✓ P.2397	" "	"			" 5/1	
✓ P.2398	" "	"			" 5/1	
✓ P.2399	" "	"			" 5/1	
✓ P.2400	Bauxite	"			" 5/1	
✓ P.2401	"	"			" 5/1	
✓ P.2402	Granite / Hornfels contact	Leinster Granite - Blackstone Mts			" 5/2	
✓ P.2403	Cleared greywacke phyllite	" " " "			" 5/2	
✓ P.2404	Hornfelsed schist	" " " "		2 spcs.	" 5/2	
✓ P.2405	phyllite	" " " "		5 spcs.	" 5/2	
✓ P.2406	" " "	" " " "		"	" 5/2	
✓ P.2407	Hornfelsed pelitic schist	" " " "			" 5/2	
✓ P.2408	psammitic & pelitic phyllite	" " " "			" 5/2	
✓ P.2409	Granite + hornfelsed xenolith	" " " "			" 5/2	
✓ P.2410	Augen granite	" " " "		2 spcs.	" 5/2	
✓ P.2411	cleared psammitic & pelitic phyllite	" " " "			" 5/2	
✓ P.2412	" " " " " "	" " " "			" 5/2	
✓ P.2413	Biotite hornfels.	" " " "			" 5/2	
✓ P.2414	Hornfels.	" " " "			" 5/2	
✓ P.2415	Leinster Granite gneiss	Craignamanagh.		7 spcs.	" 5/3	
✓ P.2416	" " "	"			" 5/3	
✓ P.2417	Garnetiferous Sch.	Powerscourt		2 spcs.	" 5/4	

	Name	Locality	Set	Number	Stored in?	Miscellaneous Notes etc.
✓ P.2418	Andalusite Spist	Killiney Beach.			Retrology Lab.	5/4
✓ P.2419	Aplite				" "	5/4
✓ P.2420		Garnet beds, Lough Tay			" "	5/4
✓ P.2421	Aplite	Dalkey Au.			" "	5/4
✓ P.2422	Granite 1	Ballaghkeen Quarry			" "	5/5
✓ P.2423	Blackrock breccia	Blackrock Baths			" "	5/5
✓ P.2424	Blackrock breccia				" "	5/5 Dyke 2 = Ba. 5
✓ P.2425	Blackrock breccia				" "	5/5
✓ P.2426	Granite with schlieren.				" "	5/5
✓ P.2427	Aplite 1+2				" "	5/5
✓ P.2428	Flagstone	Kiltoreen K. Au.			" "	5/6
✓ P.2429	red siltstone	" " " "			" "	5/6
✓ P.2430	Kiltoreen boro stone	North of K. Au.			" "	5/6
✓ P.2431	Kiltoreen S't.	Thomastown.			" "	5/6
✓ P.2432	Leinster Granite + Aureole rock	Blackstairs Mountain			" "	5/7
✓ P.2433	" " " "	" " "			" "	5/7
✓ P.2434	" " " "	" " "			" "	5/7
✓ P.2435	" " " "	" " "			" "	5/7
✓ P.2436	" " " "	" " "			" "	5/7
✓ P.2437	Leinster Granite	Ballaghkeen		5 spcs.	" "	5/8
✓ P.2438	Granites 1+2	Ballaghkeen Quarry		2 "	" "	5/8
✓ P.2439	Granite type 1.	" "			" "	5/8

	Name	Locality	Set	Number	Stored in?	Miscellaneous Notes etc.
✓ P.2440	Lamprophyre	Ballaghkeen			Petrology Lab.	5/8
✓ P.2441	Foliated Granite	"			" "	5/8
✓ P.2442	Blackrock Breccia	Blackrock Baths.		2 spec.	" "	5/8
✓ P.2443	Granite 2	Ballaghkeen Quarry		2 "	" "	5/8
✓ P.2444				2 "	" "	5/8
✓ P.2445	Limestone. (Posidonomya)	Rush S. of Copper Mine Flt.	Tyner. Coll.	1	" "	6/4
✓ P.2446	Limestone conglomerate	Rush Lane. Congl.	" "	1	" "	6/4
✓ P.2447	Quartz conglomerate	Rush " Limestone	" "	1	" "	6/4
✓ P.2448	Biocalcarenite.	Rush - slump.	" "	2 pcs.	" "	6/4
✓ P.2449	Invert. burrows in siltstone	Rush.	" "	2 "	" "	6/4
✓ P.2450	" " " " " "	Rush	" "	19 slices	" "	6/4
✓ P.2451	Biocalcarenite.	Rush	" "		" "	6/4
✓ P.2452	Graded calcarenite	Rush	" "	3 pcs.	" "	6/4
✓ P.2453	Conglomerate. (Lane)	Rush	" "		" "	6/4
✓ P.2454	lt. conglomerate.	Rush	" "		" "	6/4
✓ P.2455	Yerriginous Lava	Below Fair Head Silb, Ballycastle			" "	7/1
✓ P.2456	Basalt	N. Star Dyke, Ballycastle Bay.			" "	7/1
✓ P.2457	Top of gneiss	Bath Lodge, Ballycastle			" "	7/1 An 2
✓ P.2458	Carboniferous s.st.	Murlough Bay, Antrim.			" "	7/1 An 5
✓ P.2459	Bath Lodge Lava	Ballycastle, Co. Antrim.		2 pcs.	" "	7/1 An 4
✓ P.2460		Ballycastle			" "	7/1 An 3b
P.2461	Coal Measure Shale	Ballycastle Coalfield.			" "	7/1

	Name	Locality	Set.	Number	Stored in?	Miscellaneous Notes etc.
✓ P.2462	Quartz Porphyry	Bushendun, Co. Antrim		2 spes.	Pet. Lab.	7/1 An 12
✓ P.2463	Basalt Lava	Bath Lodge			" "	7/1
✓ P.2464		Ballycastle coalfield		2 spes.	" "	7/1 An. 7
✓ P.2465		Ballycastle			" "	7/1
✓ P.2466	Chalk	Portbradden			" "	7/1 An. 18
✓ P.2467	cretaceous Breccia	Waterloo		2 spes.	" "	7/1 An. 17
✓ P.2468	Chalk	Waterloo			" "	7/1 An. 15
✓ P.2469	Amygdaloidal Lava	Gorton Point			" "	7/1 An. 32
✓ P.2470		Ballycastle			" "	7/1 An. 7
✓ P.2471	Baked carb. Shales	Lough Doe			" "	7/1 An 23
✓ P.2472	Red Chalk	Beach W. of Ballycastle		4 spes.	" "	7/2 An. 19
✓ P.2473	Upper Basalt	Giant's Causeway			" "	7/2 An. 30
✓ P.2474	Rhyolite	Yardree, Antrim.			" "	7/2
✓ P.2475					" "	7/2 An. 27
✓ P.2476	Basalt	Giant's Causeway			" "	7/2 An. 31
✓ P.2477	Dolerite	Fair Head			" "	7/2 An. 34
✓ P.2478		Glen Ballyemmon, Co. Antrim.			" "	7/2
✓ P.2479	Upr. Tuff with Felspars	Fair Head			" "	7/2
✓ P.2480		Glen Ballyemmon, Co. Antrim.			" "	7/2
✓ P.2481	Laterite	Giant's Causeway			" "	7/2 An. 28
✓ P.2482	Tertiary Basalt	Ballycastle			" "	7/2 An. 37
✓ P.2483.	Rhyolite	Yardree, Antrim.		2 spes.	" "	7/2 An. 33

	Name	Locality	Set	Number	Stored in?	Miscellaneous Notes etc.
✓ P. 2484	Greensand altered by dyke	Cave Hill, Belfast.			Pet. Lab.	7/2
✓ P. 2485	Marble (altered chalk)	Co. Antrim			" "	7/2 Cretaceous
✓ P. 2486	Barb.	Murlough Bay			" "	7/2
✓ P. 2487	Bauxite	Giant's Causeway			" "	7/2 An. 29
✓ P. 2488				5 spec.	" "	7/2 An. 10
✓ P. 2489	Greensand	Co. Antrim			" "	7/2
✓ P. 2490	Lias	Portrush		4 spec.	" "	7/3 An. 10
✓ P. 2491	Barb.	Murlough Bay			" "	7/3
✓ P. 2492	Mica Spist ^c	Murlough Bay			" "	7/3 Spec. + slide of quartz mica schist 27.5.1955.
2 spec ✓ P. 2493	Chalk Marble?	Hair Head Sill			" "	7/3 An. 17, 20
✓ P. 2494	Dolerite	N. Star Dyke.			" "	7/3 An. 35
✓ P. 2495	Vols. between ferruginous & felspathic tuffs.	Hair Head			" "	7/3 An. 25
✓ P. 2496	Ironstone	Parkmore Glenarrif			" "	7/3 An. 38
✓ P. 2497		Giant's Causeway			" "	7/3
✓ P. 2498	Ironstone nodule	Bath Lodge			" "	7/3 An. 3
✓ P. 2499	Microgranite	N. of Cushendun			" "	7/3 An. 22
✓ P. 2500	Greensand	Waterloo			" "	7/3 An. 13
✓ P. 2501		"			" "	7/3 An. 13
✓ P. 2502	Chalk	Belfast / from above Murlough Bay.		2 spec	" "	7/3 with <i>Belemnitella mucronata</i> .
✓ P. 2503	Xingula Shale	E. of Ballycastle.			" "	7/3 An. 5
✓ P. 2504				2 spec.	" "	7/3 An. 4
✓ P. 2505	Ash Bed beneath lower lavas	Ballintoy H.R. Co. Antrim.			" "	7/3

	NAME	LOCALITY	SET	NUMBER	STORED IN ?	MISC. NOTES ETC.
✓ P. 2506	Barb.	Murlough Bay.			Pet. Xab.	7/3
✓ P. 2507	Diatomite clay.	Toome			" "	7/4 An 39
✓ P. 2508	Calcareous s'st.	Ballycastle Coalfield.			" "	7/4
✓ P. 2509		N.W. of Farragardoo, ^{Fair} Hair Hd.			" "	7/4
✓ P. 2510	? Quartz Diorite	Coal Pit Bay, Donaghadee			" "	7/4
✓ P. 2511	Volcanic ash	New Ballycastle, Co. Antrim			" "	7/4
✓ P. 2512	Ash.	Ballintory Bay, Co. Antrim			" "	7/4
✓ P. 2513	Chalk breccia	Waterloo			" "	7/4 An. 17
✓ P. 2514		Larne			" "	7/4 ???
✓ P. 2515	Chalk	Waterloo			" "	7/4 An. 15
✓ P. 2516	Lamprophyre	Ruebane Pt., Murlough Bay			" "	7/4 Spec. + slide.
✓ P. 2517	Quartz Porphyry	Lushendun.			" "	7/4 An. 21
✓ P. 2518	Lias	Waterloo			" "	7/4 An. 9
✓ P. 2519					" "	7/4 An. 14
✓ P. 2520	Diatomite clay	Toome			" "	7/4 An. 39
✓ P. 2521	Amygdaloidal Basalt	Giant's Causeway		3 spcs.	" "	7/4 Amyg. basalt going to latite
✓ P. 2522	Mulatto Stone Conglom.	Murlough Bay.			" "	7/5 An. 14
✓ P. 2523	Phosphatic Nodules	Whitepark Bay.		20 spcs.	" "	7/5 An. 11
✓ P. 2524				2 spcs.	" "	7/5
✓ P. 2525	Red Shale	Ballycastle			" "	7/5 Spec. + slide An. 19
✓ P. 2526	Gr. Greensand	Whitepark Bay			" "	7/5 An. 12
P. 2527	Ash.	Carrick-a-Reide Volcano			" "	7/5

	NAME	LOCALITY	SET	NUMBER	STORED IN ?	MISCELLANEOUS NOTES ETC.
✓	P. 2528	N. of Cliffs of Moher.			Petr. Lab.	7/5
✓	P. 2529	Diatomite clay?			" "	7/5
✓	P. 2530	barb. Lava	E. of Ballycastle.		" "	7/5 An 23.
✓	P. 2531	Ironstone nodules	nr. N. Star Dyke, Ballycastle	8 spcs	" "	7/5 An 8
	P. 2532	Summerhill			" "	7/6
	P. 2533	"			" "	7/6
	P. 2534	"			" "	7/6
	P. 2535	"			" "	7/6 2 spcs.
	P. 2536	"			" "	7/6
	P. 2537	"			" "	7/6
	P. 2538	"			" "	7/6 3 specs. 5 slides
	P. 2539	Murlough Bay			" "	7/7
	P. 2540	Green Shist	Loughaveena		" "	7/7
	P. 2541	Albitic Green Shist	? "		" "	7/7
	P. 2542	Dalradian Shist	E. part of Altiferran Glen		" "	7/7
	P. 2543	Actinolite Shist	Murlough Bay		" "	7/7
	P. 2544	Albite Shist	Loughaveena		" "	7/7
	P. 2545	Dalradian Shist	Murlough Bay		" "	7/7 An. 1. from contact with lamprophyre sill at Ruelanet
	P. 2546	Bray Series			" "	7/8
	P. 2547	" "			" "	7/8 2 specs.
	P. 2548	" "			" "	7/8
	P. 2549	Lightning marks on quartz rock	Top of Shankhill		" "	7/8

NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P. 2550				Petr. Lab.	7/8
P. 2551				"	7/8
P. 2552				"	7/8 2 spcs.
P. 2553				"	7/8
P. 2554				"	7/8
P. 2555				"	7/8 2 spcs.
P. 2556				"	7/8
P. 2557				"	7/8
P. 2558	Co. Greywacke			"	7/8 2 spcs
P. 2559	Quartzite			"	7/8
P. 2560				"	7/8
P. 2561	Sillimanite H fels.			"	8/3
P. 2562	Ord. Breccia			"	8/3
P. 2563	Glaucophane Spint			"	8/3
P. 2564	Arenig Conglomerate			"	8/4 ANG. 16
P. 2565	Hornblende Gneiss			"	8/4 Associated with Coedana Granite ANG. 9
P. 2566	Sillimanite Hornfels			"	8/4 " " " " ANG. 11
P. 2567	Coedana Granite			"	8/4
P. 2568	" "			"	8/4 ANG. 8
P. 2569	Purple Slate			"	8/4 ANG. 14
P. 2570	Dolerite			"	8/4 ANG. 13
P. 2571	Glaucophane-epidote rock			"	8/4

	NAME	LOCALITY	SET	NUMBER	STORED IN	MISC. NOTES ETC..
P. 2572	Hornfelsed New Harbour Beds.	Rhoscolyn, Holy Island.			Petr. Lab.	8/4
P. 2573	Rhyolite	Xlyn Padarn			"	8/4
P. 2574	Glaucophane Shist	Xlyn Lly Llewycierin			"	8/4 ANG. 6
P. 2575	Rhyolite	Xlyn Padarn			"	8/4
P. 2576	Gabbro	Rhoscolyn, Holy Island			"	8/4 ANG. 3
P. 2577	"	" " "			"	8/4 ANG. 2
P. 2578	Augen gneiss				"	8/4 ANG. 10 Associated with Coedana Granite.
P. 2579	Serpentine	Pant Philip, Rhoscolyn, Holy Is.			"	8/4 ANG. 1
P. 2580		Nantlle			"	8/5 2 spco.
P. 2581		Gallt-y-fedw Slate Quarry			"	8/5
P. 2582		N. Wales.			"	8/5
X P. 2583		Nantlle			"	
✓ P. 2584		N. Wales			"	6/2
✓ P. 2585	slates. L. Cambr.	N. Wales Llanberis			"	6/2
✓ P. 2586		Nantlle			"	6/2
P. 2587		Anglesea			"	8/8 2 spco.
P. 2588	Pillow Lava	Newborough Warren, Anglesea			"	8/8 Gwna Series
P. 2589		Anglesea			"	8/8
P. 2590		"			"	8/8
P. 2591	Agglomerate	Glen Ceannun, Caernarvonsh.			"	8/8
P. 2592		N. Wales			"	8/8
P. 2593.	Pillow Lava	"			"	8/8

NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P.2594	S. Stack, Holy Island.			Petr. Xabr.	8/8
P.2595	N. Wales			"	8/8
P.2596	"			"	8/8 2 spec.
P.2597	"			"	8/8 2 spec
P.2598	"			"	8/8
P.2599	Coarse Agglomerate Glen Cearhun, Caernarvon.			"	8/8 2 spec.
P.2600	S. Stack, S.E. of Holy ^{Island}			"	8/8 2 pieces
P.2601	N. Wales			"	8/8
P.2602	"			"	8/8
X P.2603	Sedim. structures Camb. s.s. Pat Mador.			"	
P.2604	Labradorite Porphyrite Killbide Penin., Co Mayo			"	9/1
P.2605	Gneiss	"	"	"	9/1 6 spec
P.2606	Red Shale	"	"	"	9/1 9 spec.
P.2607	Silurian Conglomerate	"	"	"	9/1
P.2608	Red s't.	"	"	"	9/1
P.2609	Silurian Conglon.	"	"	"	9/1
P.2610	Grey chert (Arenig)	"	"	"	9/1
P.2611	Calc. Flage	"	"	"	9/1 4 spec.
P.2612	Down Rock Grit	"	"	"	9/1 6 spec.
P.2613	Arenig s't.	"	"	"	9/1
P.2614	Tuff (Arenig)	"	"	"	9/1 4 pieces
P.2615	Gelsite	"	"	"	9/1

	NAME	LOCALITY	SET.	NUMBER	STORED IN?	MISC. NOTES ETC.
P. 2616		Killbuck Penin., Co. Mayo			Retr. Lab.	9/1
P. 2617	Annelid Grit	" " " "			"	9/2 3 pieces
P. 2618	Dolerite	" " " "			"	9/2 4 specs.
P. 2619	Lime Bostonite (Keratophyre)	" " " "			"	9/2 4 specs.
P. 2620	Arenig s'st.	" " " "			"	9/2 3 specs.
P. 2621	Porphyrite	" " " "			"	9/2 3 specs., 1 thin section
P. 2622	Chert	" " " "			"	9/2 2 pieces
P. 2623	Vesicular Spilite	" " " "			"	9/3 spec. ~ section
P. 2624	Felsite	" " " "			"	9/3 spec. ~ section
P. 2625	Quartz veined Spilite	" " " "			"	9/3 spec. ~ section
P. 2626	Fine grained laminated tuff	" " " "			"	9/3 2 specs. ~ thin section
P. 2627	Keratophyre	" " " "			"	9/3 spec. ~ thin section
P. 2628	"	" " " "			"	9/3 2 specs. ~ thin section
P. 2629	"	" " " "			"	9/3 2 specs.
P. 2630	"	" " " "			"	9/3 2 specs.
P. 2631	Laminated tuff	" " " "			"	9/3 2 specs. ~ thin section
P. 2632	Dolerite	" " " "			"	9/3
P. 2633	Fine grained tuff	" " " "			"	9/3 spec. ~ thin section
P. 2634	Brecciated felsite	" " " "			"	9/3 " " "
P. 2635	Tuff	" " " "			"	9/3 3 spec
P. 2636	Laminated red chert	" " " "			"	9/3
P. 2637	Loam, sand	Donnemara			"	9/3

	NAME	LOCALITY	SET	NUMBER	STORED IN ?	MISC. NOTES ETC.
P.2638		Kilbride Penin., Co. Mayo.			Petr. Lab.	9/3
P.2639	Spilite	" " "			"	9/3
P.2640	Fine grained Volc. Breccia	" " "			"	9/3
P.2641	Volc. Breccia	" " "			"	9/3
P.2642	Edge of Spilite "pillow"	" " "			"	9/3
P.2643		Finnyschod Beds, Co. Mayo			"	9/4 27 specs.
P.2644	Chlorite Spist				"	9/5 spec. ~ thin section
P.2645	Red Siltstone				"	9/5 " " "
P.2646	Red Siltstone				"	9/5
P.2647	Arkzoic s'st., with mudflats				"	9/5 spec. ~ thin section.
P.2648	Groagh Patrick quartzite				"	9/5 " " "
P.2649					"	9/5
P.2650	Biotite semipelite	S.E. of Groagh Patrick			"	9/8
P.2651	Tertiary Dolomite	Sheeffry Hills, Co. Mayo.			"	9/8
P.2652	Greywacke	L. Fee, Co. Galway.			"	9/8
P.2653	Tuff arenig	Kilbride, Co. Mayo.			"	9/8 20 spec
P.2654	Arenig Breccia	Little Killary, Co. Galway.			"	9/8
P.2655	Arenig 1 st Breccia	Little Killary, Co. Galway.			"	9/8
P.2656					"	9/8
P.2657	Greywacke	Nr. Oughty, Arenig, Co. Mayo			"	9/8
? P.2658	? Greywacke	"Xeenane Ginto" Killary Harb.			"	9/8
P.2659	Mudflow	Central Murrisk, Mayo			"	9/8

	NAME	LOCALITY	SET	NUMBER	STORED IN ?	MISC. NOTES ETC.
✓ P.2660					Petr. Lab.	9/8
✓ P.2661					"	9/8
✓ P.2662	Welded Tuff.	Killary Harb., Co. Mayo.			"	9/8
✓ P.2663					"	9/8
P.2664	Skeleton magnetite ore in Flour. Epidote	Kininaraara Norway			"	2/4
P.2665	Granite beneath Jothian stone	Trysunda			"	2/5
P.2666	Sheared rocks of thrust mass	SE of Rista Fallet			"	2/5
P.2667	Typical hard schist	Abisko Skk near bridge			"	2/5
P.2668	Hard schist with pegmatite	Abisko Skk			"	2/5 + and. adularia feldspar
P.2669	Porphyrite	SE of Rista Fallet			"	2/5 (sheared rocks of the thrust mass)
P.2670	Jothian stone above granite	Trysunda			"	2/5
P.2671	Reddish lampyr dyke	storkham (E side)			"	2/5
✓ P.2672	Picrite Basalt (Oceanite)	Mauritius		(30)	"	10/6 457592 (30)
✓ P.2673	Olivine Basalt Old Series	Candas Quarry Mauritius		(32)	"	10/6 584 495
✓ P.2674	Olivine-rich old series Oceanite	Mauritius Candas Quarry		(32)	"	10/6 584 495
✓ P.2675	Olivine-rich old series Oceanite	" Le Pouce		(32)	"	10/6 Old Ref. 665545 584 495
✓ P.2676	Trachyte	" Piton du Milieu		(41)	"	10/6 (Same as P 1470)
✓ P.2677	Oceanite?	" Le Pouce		(31)	"	10/6 665545
✓ P.2678	Gabbro? Trachyte.	" Piton du Milieu		(41)	"	10/7 469570 (same as P2676)
✓ P.2679	Basalt	" Windsor.		(38)	"	10/7 469570
✓ P.2680	Basalt	" Beau Bassin		(39)	"	10/7 632582
P.2681	Basalt - Younger series (Early).	" Beau Bassin		(42, 43)	"	10/7 Specimen NB. Minerals. 470450
				(26)	"	10/7 520378

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P.2682	Oceanite Old Series	Mauritius Le Pouce		(31)	Petr. Lab.	10/7 Gr Ref = 665545 (Same as P 2677)
P.2683	Recent Lava	"		(34)	"	10/7 470 540
P.2684	Ankaramite	" Grand Malabar		(33)	"	10/7 635.460
P.2685	New Doleritic Basalt	" North		(35)	"	10/7 850-650 From base of well 100' down
P.2686	Basalt (late)	" Bout du Monde		(36a)	"	10/7 2 spec 640-498
P.2687	Ankaramite Pyroxene rich Old Series	" Pt Malaboo		(33)	"	10/7 3 spec 635-460 (Same as P 2684)
P.2688	columnar basalt	" Rochester Falls		(37)	"	10/7
P.2689	New Dol. Basalt	"		(35)	"	10/7 2 spec 850-650 (Same as P 2685)
P.2690		"			"	10/7 3 spec
P.2691	Ankaramite	" Grand Malabar		(33)	"	10/7 635-460 (Same as P 2687)
P.2692		"			"	10/7
P.2693	Urgonian L'st.	Salat Valley Nr. N. Pyrenean Fault zone			"	10/8 Py 4
P.2694	1st quality Galc.	Barthelemy Massif Pyrenees			"	10/8 Py 15
P.2695	Metamorphosed Devonian L'st.	V. d' Arau Nr. Bosost, Pyrenees			"	10/8 Py 6
P.2696	Schistified Albian Shales	St Barthelemy M. Pyrenean Fault zone			"	10/8 Py 3
P.2697	Mica schist with andalusite	Hospitalets Massif, Pyren.			"	10/8 2 lineations sometimes 3. Py 13
P.2698	Tectonized Devonian	Pyrenees Tort Valley			"	10/8 Py 17
P.2699	Ord. Phyllite	S of Estern Pyrenees Pallareon Valley			"	10/8 Py 16 "Knick Zone" folded
P.2700		Pyrenees			"	10/8 3 spec
P.2701	M'ned Dev. L'st.	V' Arau Nr. Bosost, Pyrenees			"	10/8 Py 7
P.2702	Phyllite zone	El Serrat Pyrenees			"	10/8 Py 10 refolded on NW-SE later kinematic folds
P.2703	Augen gneiss	Hospitalets Massif, Pyren. above Soldeau			"	10/8 with 3 lineation Py 11

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P. 2704	Silurian	Nr. El Serrat, Pyrenees.			Petr. Lab.	10/8 Py. 12 Silurian in Phyllitic zone with later Kimeridgian NN-SE structures with chert-slate.
P. 2705	Dev. Graillotta	Pyrenees Guardia de Arco			"	10/8 Py. 13 c. 10 km WSW of Seo de Urgel
P. 2706	Ophite	N. St. B. Cat Garonne Valley.			"	10/8 Py. 2 In contact with Triassic & Cretaceous
P. 2707	Maladetta Granite	Ribagorçana Vall., Pyrenees			"	10/8 Py. 1 The largest Pluton in the Pyrenees
P. 2708		Barthelemy Massif Pyrenees			"	11/1 20 pps.
P. 2709	Auger gneiss	"			"	11/1
P. 2710		"			"	11/1
P. 2711		"			"	11/1
P. 2712		"			"	11/1 20 pps.
P. 2713	Quartz rock	Saxony			"	11/1
P. 2714		Wexford			"	11/1
P. 2715	Gale	Trimod Quarry, Barthelemy Massif Pyrenees			"	11/1
P. 2716	Quartzite	R. Nephin, Co. Mayo.			"	11/1
P. 2717	Ord.	Willes Valley of Arco Pyrenees			"	11/1 Concretionary folds
P. 2718		"			"	11/1
P. 2719					"	11/3 Tm. 1
P. 2720					"	11/3 Tm. 9 4 pps
P. 2721					"	11/3 Tm. 2
P. 2722					"	11/3 Tm. 7
P. 2723					"	11/3 Tm. 5
P. 2724	Blue clay	off Poolbeg L'har, Dublin			"	11/3
P. 2725					"	11/3 Ke. 1

	NAME	LOCALITY	SET	NUMBER	STORED IN ?	MISC. NOTES ETC.
P. 2726					Petr. Lab.	11/3 Tm. 10, Tm. 5
P. 2727					"	11/3 Kc 1
P. 2728					"	11/3 Tm. 8
P. 2729					"	11/3 Tm. 7
P. 2730		Vesuvius			"	11/4
P. 2731	Lava	"			"	11/4
P. 2732	"so called Phonolith"				"	11/4
P. 2733					"	11/4
P. 2734		Vesuvius			" Disp.	11/4 Not infrequent as ejected blocks - eruption
P. 2736	Corundum Cordierite Hornfels	Co. Galway Delaney Dome S. of Errislauna			"	11/5
P. 2735	Siliceous Gneiss-like Granulite	Co. Galway Errislauna			"	11/5
P. 2738	Sillimanite Siliceous Granulite	Co. Galway Errislauna			"	11/5 Pelite schist
P. 2738	Pebbly Quartzite	Co. Galway Errislauna			"	11/5
P. 2737	Grossular Vesuvianite Skarn	Co. Galway			"	11/5
P. 2739	Striped Amphibolite	Ni Clifden Co. Galway			"	11/5
P. 2741	Psammitic Schist	3 mls. E. of Westport.			"	11/5 "V Delradian" - by Castlebar road
P. 2742	Troctolite	Errisbeg Roundstone			"	11/5 3 spec.
P. 2743	Gabbro	Carlingford			"	11/6
P. 2744	Granophyre	Barnavare, Carlingford			"	11/6
P. 2745	"	Grange Quarry Carlingford			"	11/6
P. 2746	Contact betw. "gran" & basalt	S. end Barnavare Old Quarry			"	11/6
P. 2747	Slightly recryst. Carb. shaly	Barnavare Quarry, L'st.			"	11/6

P. 2743-55
incl. 10
slides

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC..
P.2748	Grossular Idocrase Hornfels	Barnavare Quarry			Petr. Lab.	11/6 6' fr. Gabbro.
P.2749	Altered l's. at Contact of Euxenite + carb. l's.	N. end Barnavare Old Quarry.			"	11/6
P.2750	L'st basalt contact	Barnavare Quarry Carlingfd			"	11/6 CF 1 spec. - slide
P.2751	L'st gabbro contact	" " "			"	11/6 CF 1. spec. + slide
P.2752 a	^b Dyke Porcelainite	Nr. Barnavare, Old Quarry			"	11/6 Quarry is ls with conchoidal - dykes outcropped up to 13 Barnavare
P.2753	Altered l'st. mainly rockholdsite	S of. Barnavare			"	11/6 2 spec. 1 shows marked nodular structure with concentric zoning
P.2754	Altered l'st Tilleyite	N. of Summit (1024)			"	11/6
P.2755	Syenite veins with endialite in l'st.	Contact zone S. of "old quarry"			"	11/6
P.2756		Barnavare Quarry, Carlingfd			"	11/7 CF2 2 spec.
P.2757		Carlingford			"	11/7
P.2758		"			"	11/7 CF.2 2 spec
P.2759		"			"	11/7 CF.2
P.2760		"			"	11/7 CF.2
P.2761		"			"	11/7 CF.2
P.2762		"			"	11/7 CF.2
P.2763		"			"	11/7
P.2764		"			"	11/7 CF.1
P.2765		"			"	11/7 CF.1 2 spec
P.2766		"			"	11/7 CF.1
P.2767		"			"	11/7 CF.1
P.2768		"			"	11/7 CF.1
P.2769		"			"	11/7 CF.1

P.2743-56

incl. 10

slides

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISCELLANEOUS NOTES ETC.
P.2730		Carlingford			Petr. Lab.	11/7
P.2731	Hornblende granophyre	Barnavare			"	11/8
P.2732		" S. side.			"	11/8
P.2733	Augite granophyre	"			"	11/8
P.2734	" "	"			"	11/8
P.2735		"			"	11/8
P.2736	granophyre	" S. side.			"	11/8
P.2737	granite	"			"	11/8
P.2738	Hornblende granophyre	" S. Gull w.			"	11/8
P.2739	Biotite granophyre?	Carlingford S. Gull w.			"	11/8
P.2780		"			"	11/8
P.2781		"			"	11/8
P.2782	Biotite granophyre	Barnavare			"	11/8 Junction granophyre + gabbro.
P.2783	Hornblende granophyre	"			"	11/8
P.2784		Carlingford			"	11/8 CF.1
P.2785		"			"	11/8 CF.1
P.2786	from:- Basalt dyke in l'st.	Mr. Greore			"	11/8 Elomeric structure
P.2787		Barnavare			"	11/8
P.2788		Carlingford Grange Quarry			"	11/8 CF.
P.2789	Basalt-Aplite	Barnavare Mt.			"	11/8
P.2790	Augite granophyre	"			"	11/8
P.2791.	Biotite granophyre	" S. side			"	11/8

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P.2792		barlingford			Petr. Lab.	11/8 2spcs.
P.2793		" Grange Quarry			"	11/8 CF.1
P.2794		" " "			"	11/8 CF.1
P.2795		" " "			"	11/8 CF.1
P.2796	Phlogopite in skam.	Barnavare, barlingford.			"	11/8
P.2797		barlingford.			"	11/8
P.2798	Phlogopite in marble.	Barnavare,			"	12/1
P.2799	Phlogopite in skam.	"			"	12/1 2spcs.
P.2800	? Forstenite marble.	Ridge of Barnavare			"	12/1 contact of l'st. raft with gabbro.
P.2801	Augite trachyte.	barlingford			"	12/2
P.2802		Allihies			"	12/2 4spcs
P.2803		Allihies, Co. Cork			"	12/2
P.2804		" " "			"	12/2
P.2805		" " "			"	12/2
P.2806		" " "			"	12/2
P.2807		" " "			"	12/2
P.2808		" " "			"	12/2
P.2809		" " "			"	12/2
P.2810		" " "			"	12/2
P.2811		" " "			"	12/2
P.2812		" " "			"	12/2
P.2813.		" " "			"	12/2

NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P.2814	alluvial, co. rock.			Petr. Lab.	12/2
P.2815	" " "			"	12/2
P.2816	" " "			"	12/2
P.2817	" " "			"	12/2 Box
P.2818	" " "			"	12/2
P.2819	Bleached Country Rock			"	12/2
P.2820	Silicified Country Rock			"	12/2
P.2821	Country Rock			"	12/2
P.2822	" " "			"	12/3
P.2823	" " "			"	12/3
P.2824	" " "			"	12/3
P.2825	" " "			"	12/3
P.2826	" " "			"	12/3
P.2827	" " "			"	12/3
P.2828	" " "			"	12/3
P.2829	" " "			"	12/3
P.2830	" " "			"	12/3
P.2831	" " "			"	12/3
P.2832	" " "			"	12/3
P.2833	" " "			"	12/3
P.2834	" " "			"	12/3
P.2835	" " "			"	12/3

NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
P. 2836	allihies, Co. Cork.			Petr. Lab.	12/3
P. 2837	" " "			"	12/3
P. 2838	" " "			"	12/3
P. 2839	" " "			"	12/3
P. 2840	" " "			"	12/3
P. 2841	" " "			"	12/3
P. 2842	" " "			"	12/3
P. 2843	" " "			"	12/3
P. 2844	" " "			"	12/3
P. 2845	" " "			"	12/3
P. 2846	" " "			"	12/3
P. 2847	" " "			"	12/3
P. 2848	" " "			"	12/3
P. 2849	" " "			"	12/3
P. 2850	" " "			"	12/3
P. 2851	" " "			"	12/3
P. 2852	" " "			"	12/3
P. 2853	" " "			"	12/3
P. 2854	" " "			"	12/3
P. 2855	" " "			"	12/3
P. 2856	" " "			"	12/3
P. 2857	" " "			"	12/3

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
✓	P. 2858	Allihies			Petr. Lab.	12/3
✓	P. 2859	Allihies			"	12/3
✓	P. 2860	"			"	12/3
✓	P. 2861	"			"	12/3
✓	P. 2862	"			"	12/3
✓	P. 2863	"			"	12/3
✓	P. 2864	"			"	12/3
✓	P. 2865	"			"	12/3
✓	P. 2866	"			"	12/3
✓	P. 2867				"	12/5
✓	P. 2868				"	12/5 with
	P. 2869	psammitic Schist	N. of Glen Luss. L. Lomond		"	15/4 with 2 cleavages
	P. 2870	Mica schist	Aberfoyle Perthshire		"	15/4 Come Burn. H.B. Series
	P. 2871	Schistose greywacke	N. of Glen Luss. L. Lomond		"	15/4 Ben Ledi Grit? L. Tay Nappe
	P. 2872	Amphibolite	Nr Aberfoyle		"	15/4 H.B. series Come Burn
	P. 2873	Green beds LAVA group	Nr Eredune L. Awe		"	15/3
	P. 2874	Pillow fragment from PILLOW LAVAS	Wend of L. Awe		"	15/3
	P. 2875	Lr Limestone	Isle of Hirta. Islay Nappe		"	15/7 below boulder bed Dalradian
✓	P. 2876	"Greywacke"	Bailmaha. L. Lomond Dalradian Hirta. Nr Islay		"	15/3 Highland border series
	P. 2877	Boulder bed Matrix	Argyllshire Boulder from Dalrad		"	15/5
	P. 2878	Nordmarkite Granite	Boulder bed I. of Hirta Nr Islay		"	15/5 2 spec
✓	P. 2879	Amphibolite HBF Zone	Aberfoyle Perthshire		"	15/3

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
✓ P.2880	Luss slate	Glen Luss L. Lomond			Petr. Lab.	15/3 (Aberfoyle slate)
✓ P.2881	Carbonated Serpentine	Ballmaha L. Lomond			"	15/3
P.2882	Pebbly Limestone	Himbas Argyllshire			"	15/7 At top of limestone below Boulder bed. Dalr. of Islay Napp
P.2883	Chrysotile asbestos in shaded dolomite	"Arenig". Arran			"	12/8
P.2884	Tuff	Corrie 1/2 below Corrie L. Arran			"	12/8
P.2885	Hybrid gabbro	Glen Dubh, Arran			"	12/8
P.2886	Corrie L'st	Arran			"	12/8
P.2887	" "	Arran			"	12/8
P.2888	Corrie s'st.	Brodie Bay, Arran			"	12/8 with korfessed edge from dyke
P.2889	Quartz Porphyry	Arran Bennan Head			"	12/8
P.2890	Pitchstone	Borrygills, Arran			"	12/8
P.2891	Yeschinite	Clachland Sill, Arran.			"	12/8
P.2892	Gabbro	Arran ^{Arenig} N Glen Sannox			"	12/8
P.2893	Dolerite	Dippin Head, Arran			"	12/8
P.2894	Gabbro	Glen Dubh, Arran.			"	12/8
P.2895	Xenolith in granite	Arran			"	12/8
P.2896	Granite	Goatfell, Arran.			"	12/8
P.2897	Oolitic ironstone	bank. corrie shore, Arran			"	12/8
P.2898	Perm. corrie s'st.	Arran.			"	12/8
P.2899	Chert	Aberfoyle Marge Series			"	12/8
P.2900	Cleaved chert.	Arran "Arenig" N. Glen Sannox			"	12/8
P.2901	Transparent quartz gabbro under Jotnian s'st.	Rajlars, S. side Omne Fith			"	2/5

NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
✓ P. 2902	Porphyry dyke	Insel Grafläsar		Petr. Lab.	2/5 intrusive mass roughly NW
✓ P. 2903	Diabase above sandstone	Trysunda		"	2/5
✓ P. 2904	Sheared rocks of thrust mass Jotnian sediments above	SE of Riksfallet		"	2/5
✓ P. 2905	Granite & Diabase Arkose at surface of granite	Trysunda		"	2/5
P. 2906	& base of Jotnian	Trysunda		"	2/5
✓ P. 2907	Blocks of Rygsunda granite at old mine	Rygsunda		"	2/5
✓ P. 2908	Fels-porphry - qz cryst.	Jallah's River Jamaica		"	3/1 205
✓ P. 2909	Gneiss with two micas - feldspar garnet	Port Haldane "		"	3/1 69
✓ P. 2910	Felspar porphyry	Jallah's River Granite Rocks		"	3/1 206
✓ P. 2911	Syenite	Portland Parish "		"	3/1 127 2 spec.
✓ P. 2912	Conglomerate, Trappean Series	Hector River, nr Craig Head "		"	3/1 205
✓ P. 2913	Felspathic Trap	Moore Town, Jamaica		"	3/1 48
✓ P. 2914	Amygdaloidal olivine basalt porphyrite	Mount Carmel		"	3/1 92
✓ P. 2916	Volcanic rock from agglomerate Trappean Series	Nottingham, Jamaica		"	3/1 293
✓ P. 2917	Felspar porphyry leucocrystic cryst.	Beverly "		"	3/1 182
✓ P. 2918	Hornblende pyrox andesite	Dallas Castle "		"	3/1 65 4 spec.
✓ P. 2915	? serpentinous marble	Island Head "		"	3/1 87
✓ P. 2919	Felop. sandstone	nr Lucia, W. Morgan's Bay		"	3/1 98 3 spec.
✓ P. 2920	Amygdaloidal Rocks	" " "		"	3/1 88
✓ P. 2921	Alt. qz mica diorite	Port Royal, Jamaica		"	3/1 68 with epidote strings & veins
✓ P. 2922	Syenite	Portland Parish, Granite rocks		"	3/1 126
✓ P. 2923	Amygdaloidal Felstone	E. Carleton Bay, Jamaica		"	3/1 change of colour. 113

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.
✓ P.2924	Tuff - hornblende, andesite frag.	Hector Rivier, Mt. Craig Head, Jamaica.			Petrology Lab 3/1	319 2 spcs.
✓ P.2925	Amygdales Olivine basalt	Bull Bay, Jamaica.			3/1	1 2 spcs. Oliv. partially calcified
✓ P.2926	Iron-silica	Kopje above Salisbury Rhodesia			3/2	Contorted series (of Marquette Series) 15.9.05
P.2927	Garnet in "Glandenkank"	Schuler Mine No 1 N.E. of Pretoria			3/2	31.8.05
✓ P.2928	Andesite Basalt	E. bank of Zambesi above falls			3/2	hackly fracture over layer amygdaloidal blacker basalt 12.9.05
✓ P.2929	Cone fragment, Pareiasaurus Beds, (Beaufort Series)	Schuler Mine No 2			3/2	hackly fracture 31.8.05 (Kaalfontein)
✓ P.2930		S. Prins Albert Rd. etc. Great Karroo			3/2	hackly fracture
✓ P.2931	Spirophyton Hilleberg beds	Rossmore Pass. C. Colony			3/2	
✓ P.2932	Scratched pebble	Dwyka Beds. Kopje			3/2	given by Sir A. Parker
✓ P.2933		N. of Matjiesfontein			3/2	
		Kaalfontein Mine				
		off NE of Pretoria				
✓ P.2934	Dyke 1+2 Zonerite	Mt Venus			4/7	
✓ P.2935	Graphitic Phyllite	Mt Venus			4/7	
✓ P.2936	" " " "	Mt Venus			4/7	2 spcs.
✓ P.2937	Aplite	Mt Venus			4/7	
P.2938	Tuff	Rhobell - Fawr			6/1	4 g map 1 mi. NNW of summit (about level with summit of Rhobell-y-Big + Craig-y-Dinos) 21.9.92
P.2939	Felstone	Mynydd mawr			6/1	A near eastern margin
P.2940	Typical "flag" Ordovician	Annalong Shore			6/1	28.11.91 (1 pm)
P.2941	Breccia	N. side Annalong harbour			6/1	27.11.91 N side of B dyke (? infused with basalt?)
P.2942	Bala Ash	Summit of Snowdon			6/1	(of res fossiliferous)
P.2943	Shells cemented in Raised Beach	W. of Mumbles Head			6/1	(A.V. Jennings)
P.2944	"	Carwell Bay. S. Wales			6/1	21.9.92 55
P.2945	Augite Andesite	W. side summit Rhobell-y-Big				

	NAME	LOCALITY	SET	NUMBER	STORED IN?	MISC. NOTES ETC.,
P.2946	Altered slate (actual contact) + Limestone	Under mass of Rhebell-fawr Craig Fawr NE end			6/1	5:4:1890
P.2947	Tuff or Breccia	Carig Gweddys			6/1	18:9:90 4
P.2948	Crystal sand at junction of felspathic + quartzose Tuff	overlying slate of Upper slopes of Tyndu-mawr			6/1	
P.2949	Rhyolite.	Centred on dyke below Tyndu-mawr. Cadair Idris			6/1	
P.2950					6/1	
P.2951	Lava in Grit	Hollow NNW of summit Corr-y-Garnedd			6/1	
P.2952	Aphanite	S.W. of Gelli-Uwyd-fawr			6/1	
P.2953		Great Quarry Mt Sorrel			8/1	
P.2954	Micodiarite	Worcestershire Beach			8/1	Accompanied by less-crystallized hornblende gneiss, traversed by granitic veins on slopes.
P.2955		Summit of Corndon Hill			8/1	A
P.2956	Micaceous Schist	Brazil Wood, Charnwood Forest			8/1	
P.2957	Ancient Conglomerate	Quarry NE slope Twt Hill below summit			8/1	Gneiss in pit in contact.
P.2958	Syenite	Mt Sorrel			8/1	
P.2959	Ancient Rock	Twt Hill summit			8/1	13:9:90
P.2960		Redlaw Tor Rock Charnwood			8/1	25
P.2961	Syenite	Charnwood Forest.			8/1	
P.2962		Charnwood Forest.			8/1	Rock used in main roads SW. Norfolk No 9
P.2963	Top Contact	Merensky Reef			3/7	
P.2964	Magnetite	Top of Main Seam Bushveldt			3/8	Pet. Lab 2 spec.
P.2965	Anorthosite	Bushveldt				
P.2966		Pilandsberg			3/8	
P.2967	Epidotic Granite				3/8	

	Name	Locality	Stored	Misc. Notes etc.
P.2968				
P.2969	Upper Chromite Seam	100' below Merensky reef	Pet. Lab	3/7 2 spec
P.2970				
P.2971				
P.2972	Chromite	Lerensky Mine Bushveldt		3/7 2 spec
P.2973	Norite	Below Main Horizon "		3/7 2 spec
P.2974	Tillite Dwyka	Bushveldt area		3/7
P.2975				
P.2976	Feldspathic Magnetite	Bushveldt		3/8 2 spec see also P2979
P.2977				
P.2978				
P.2979	Feldspathic Magnetite	Bushveldt		3/8
P.2980				
P.2981				
P.2981	Lugearite	Pilandsberg		3/8
P.2982	Sheared Pyroxenite	4' above Merensky Reef		3/7
P.2983				
P.2984				
P.2985	Magnetite			3/7 Top half of 11th Seam
P.2986		Below main magnetite seam		3/7
P.2987				
P.2988	Basal Contact	Merensky Pt Reef Union Pt Mine		3/7

✓ P.2989		Pilandsberg		3/8	
P.2990	Granite + MB			3/8	
P.2991	Banded Ironstone			3/8	Archaean
P.2992	?				
P.2993					
P.2994					
P.2995					
P.2996	Pyroxenite ?	Below Merensky Pt. Reef Union Point Mine		3/7	
P.2997					
P.2998	Basal Norite			3/7	Assim Banded Fe'st
P.2999	Top or contact of Merensky Reef & Cu Reef Pyroxenite			3/7	
P.3000					
P.3001					
P.3002					
P.3003					
P.3004	Norite			3/7	Maur zone
P.3005	Red Granite			3/8	
✓ P.3006		Pilandsberg		3/8	
P.3007					
✓ P.3008		Union Point Mine		14/8	Merensky Pt. Reef Top contact
✓ P.3009	Platinum Pipe	Mooihoek Pipe		14/8	(re Bal'oman)
P.3010	Volcanic Tuff			Pet Lab 16/1	

	Name	Locality	Set Numbers	Stored	Misc. Notes
P. 3033	Volcanic Tuff	Carnarvon Rd Bangor		F Pet. Lab 16/2	Pebidian
P. 3034	Lahar or Mudflow	Duncannon, Co. Wexford		16/2	
P. 3035				16/2	6 pcs
P. 3036	Metamorphosed Ash	N. of Ilyn Gaf		16/2	"Tremadoc" horizon
P. 3037	Volcanic Tuff	Remberg Westernfield		16/2	
P. 3038	Volcanic Tuff			16/2	
P. 3039	Hypersphere Gabbro (Granulite)	Mt Hope Baltimore Co., Maryland		8/1	GH Williams 1886
P. 3040	Fine bedded Ash with coarser bands	S. of Summit Mt. Cros-y-Garnedd		8/2	below grit.
P. 3041	Ash with bedding & irregular cleavage	N. of Cros-y-Garnedd farm Rhobell - Fawr		8/2	
P. 3042	Slates altered against Granite base	Ffawr in log Summit of		8/2	
P. 3043	Tuff	Rhobell - y. - By		8/2	8.4.90
P. 3044	Altered glassy rhyolites (perlite, sphaerulite)	Esgair felen Llanberis Pass		8/2	Reale age
P. 3045	Ironstone with Pyrrhotine	Llyn Arans, Cadern Idwr		8/2	Mr Jones
P. 3046	Bala agglomerate	Summit of Snowdon		Union point Mus. Bala. S. A. 8/2	1884
P. 3047		Top of Crags ddu		8/2	c
P. 3048		Summit of Carneddau		8/2	
P. 3049	Shale of Hardeils beds	NW side of Caer E. in Summit of Carneddau		8/2	altered by igneous rocks
P. 3050	Grit	Rhobell Fawr		8/2	
P. 3051	Lump of Tuff (coarse)	Summit of Moel Cros-y-Garnedd		8/2	Dec 1888
P. 3052	Slate Ash with trichite feldspars	S. of Summit Rhobell Fawr		8/2	Above white & dark bedded slates.
P. 3053	Lingula flags	E. of Ty-nwydd - y mynydd Rhobell		8/2	5.4.90 3.30pm
P. 3054		Stream E. of Rhobell - y. - beg		8/2	below Ash 8.4.90

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	Name	Locality	Set	Numbers	Stored	Misc. Notes etc.
P. 3011	Tuff	N.W. of Farragandoo Fair Head		4	Pet Lab	16/1
P. 3012		on road from Ashford to Rathdrum				16/1
P. 3013	Volcanic Tuff	Carrick Co. Wicklow				16/1
P. 3014	Felspathic Ash	near Pitts Head				16/1
P. 3015		N.W. of Farragandoo Fair Head		4		16/1
P. 3016	Trachyte tuff			97		16/1
P. 3017	Volcanic Tuff					16/1
P. 3018				38		16/1
P. 3019	Volcanic Tuff					16/1
P. 3020	Tuff	Fair Head below "Finger Post"				16/1
P. 3021	Volcanic Tuff					16/1
P. 3022	Volcanic Ash	6 miles S.E. of Limerick				16/1
P. 3023	Volcanic Tuff					16/1
P. 3024	Volcanic Tuff					16/1
P. 3025	Volcanic Tuff					16/1
P. 3026	Palagonite Tuff	Limerick				16/2
P. 3027	Volcanic Ash	Martinique 1903				16/2
P. 3028		Rathdrum River		14		16/2
P. 3029		N.W. of Farragandoo Fair Head				16/2
P. 3030	Volcanic Tuff	Weibern Eifel		178		16/2
P. 3031		Carrigleena				16/2
P. 3032				2		16/2

Gathered from steps of cathedral. Pres. by Dr. J.M. Purser

	Name	Location
P 3055	Felspar + Epidote	Shaft No 1 Tunnel L&NW Railway between St Ffynnon & Dolydd
P 3056	Hollow spherulites of Pseudite	Eggair-fetern Llanberis Pass
P 3057		Llyn am afon
P 3058	Tuff	Graig Hamdegley Rocks
P 3059	Lump from coarse Tuff	SE of Carneddau summits (NE of Tarn y Gwail)
P 3060	Spherulites + axiolites	W of Hafoty r Penrhant Llanfihangel against Cader Idris
P 3061	Slate	Welsh slate quarry Blaeman Ffynnon
P 3062	Amygdaloid, simulating Grit on weathering	Above Arenig gulf bridge NW slope Aran Ben yn
P 3063	Glaucous andesite	end of Carneddau
P 3064	Column of Euxite	Mynydd Moel
P 3065		
P 3066		
P 3067		
P 3068		
P 3069	Shale altered by contact with Euxite	Mynydd Moel Cader Idris
P 3070	Shale with bedding + cleavage at high angle	Llanfysilio
P 3071	Slickenside	Builth Wales
P 3072	Osilic Ironstone Large spherulite in altered Rhyolite	W of Cross Foxes Cader Idris
P 3073		Digged N. Wales
P 3074	Diorite	Nr Bron-y-Gader Cader Idris
P 3075	Lump in Tuff	Above Llyn Gwynn Ffynnon
P 3076	Pisolitic Iron-ore	W of Cross Foxes

Stored

Spec. Notes. etc.

Petrology Lab. 8/2

8/2

8/6

D of map

8/6

8/6

8/6

? Junction with slate

8/6

Llanelli age G.S. Williams

8/6

8/6

under coarse Tuff

8/6

8/6

8/6

Ordovician

8/6

due to grinding action of ore rock on another in a fault-plane

8/6

Ordovician age

8/6

8/6

Hornblende + ophitic augite

8/6

8/6

	Name	Location
P 3077	Altered Perlitic Obsidian (spherulitic in places)	Esgair Fawr, Glyder-fawr Pass of Llanbriw
P 3078	Ash with lumps weathering in irregular laminar matrix standing out	Mynydd Mawr W. Hollow Summit
P 3079	Variable - Tuff	Moel Cors-y-Garnedd E. ridge of
P 3080	Variable - Tuff	Gumont Valley Above Geirw
P 3081	Slate (Dolgelley Grit?)	nr Rhobell-y-Big opposite
P 3082	Hirnant Lr.	Crom-yr-athnew Columns E. of
P 3083	Porphyritic Eurite	Mynydd Moel
P 3084	Hirnant Lr.	
P 3085	Hornblende Tuff	SW of summit Rhobell-fawr
P 3086	Compact gr.	NW of Bryn Bras - S. of Moel Cors-y-Garnedd Rhobell-fawr
P 3087	Sandy rock above slaty ash	W. of Craig Hach just SW of summit of Rhobell Fawr
P 3088	Porph. Eurite	Glandrumanan N. of Annalong
P 3089	Grits Grit	Rail Lwyd E of Mawddach - E of Rhobell Big
P 3090	Compact Eurite	Centre of W. Hollow Mynydd Mawr
P 3091	Slaty rock	Mynydd Mawr Descent to road
P 3092	Amygdaloidal Lava	S. of summit of Rhobell-fawr Allt Lwyd
P 3093	? Tremadoc Ash	E of Rhobell-y-by.
P 3094	In. of slate - lower band of Hirnant Lr.	Qy N. of Cwmyr Athnew
P 3095	Tuff with weathering Dolerite with contemp. veins	S. slopes of Rhobell-y-Big S. face of Rhobell Fawr about 1700' 1/2 mi N. of top of Moel cors-y-garnedd nr Rhobell fawr
P 3096		
P 3097		
P 3098		

Stored

Misc. Notes etc

Petrology Lab 8/6

Pet Lab 8/7

10. 15:9:90

8/7

8/7

8/7

in contact with scoriaceous gr. 4:4:90

8/7

8/7

8/7

8/7

(with many fragments Scoriaceous) Middle enclosure 8:4:90 12

8/7

Noon 5:4:90

8/7

Slates above & to east.
Intrusion in slates in all probability (S of map) 22:9:92

8/7

(above Grit level) noon 6:4:90

8/7

with Basalt dyke which is included in fragments in it. 28:11:91

8/7

4

8/7

Great columns in situ 16:9:90

8/7

D' at the contact SE face of the intrusive mass

8/7

15 6:4:90

8/7

6 About 50 ft below the Grit 5:4:1890

8/7

17

8/7

51 21:9:92

8/7

18

8/7

17 Dec 1888

	Name	Locality		stored	Miss. Notes etc
✓ P 3099		above Llanfihangel - y - Pennant		Petrology Lab. 8/7	
P 3100		Just below summit Moel - Cors - y - garnedd Rhobell - fawr		8/7	20: 9: 92
P 3101	Fine grained Euvrite	Summit of Craig - y - Cau		8/7	
P 3102					
✓ P 3103		Swiss. rocks		18/1	
✓ P 3104				18/1	
✓ P 3105	Hbl - Garnet Schist	Frodelera, Luckmannier Pass	34	Pet. Lab 18/1	
✓ P 3106				18/1	
✓ P 3107				18/1	
✓ P 3108	Hbl - Garnet Schist	Frodelera, Luckmannier Pass	34	18/1	
✓ P 3109				18/1	
✓ P 3110	Porphyritic Granite	Gottthard	38	18/1	
✓ P 3111	Biotite - garnet gneiss	Casteroni	19	18/1	
✓ P 3112				18/1	
✓ P 3113	Mylonite	Bellinzona Castle	14	18/1	
✓ P 3114	Trias Breccia		3	18/1	
✓ P 3115	Silver - schist	Languard nappe	13	18/1	
✓ P 3116				18/1	
✓ P 3117				18/1	
✓ P 3118	Mylonite	Bellinzona Castle	14	18/1	
✓ P 3119				18/2	
✓ P 3120	Lineded Lias shale	(Prada)		18/2	

	Name	Locality	Nos.	stored	Miss. Notes etc.
P 3121	Hbl-Garnet-Schist	Frodelera, Luckmannier Pass	34	Pet. Lab. 18/2	
P 3122	Hbl-Schist	Bellingzona Castle	15	18/2	
✓ P 3123				18/2	
P 3124	Serpentine	S. Jon near Schuls		18/2	
✓ P 3125				18/2	
P 3126	Green Schist	Zeneg. 75mls from Il fuora	8	18/2	
✓ P 3127				18/2	
P 3128	Granite with Pink Felspar	25mls below Berninerhausen	2	18/2	
P 3129	Gneiss	Casteronie	16	18/2	
✓ P 3130				18/2	
✓ P 3131				18/2	
P 3132	Granite with Pink Felspar	25mls below Berninerhausen	2	18/2	
✓ P 3133				18/2	
P 3134	Lincated Lias Shale	(Prada)	5	18/2	
P 3135	"Rothdolomit"	Gothialp		18/3	
P 3136	Chlorite-Biotite Schist	Languard nappe	12	18/3	2 spcs.
P 3137	Flysch	Fluelen	41	18/3	2 spcs.
✓ P 3138				18/3	
✓ P 3139				18/3	
P 3140	Silver schist	Languard nappe	13	18/3	
P 3141	Quartenschiefer	Camperoni Luckmannier Pass	31	18/5	
P 3142	Hornblende-garnet-biotite gneiss	Frodelera	34a	18/5	

	Name	Locality		stored	Misc. Notes etc.
P 3143	Biotite/garnet gneiss	Casteroni	19	Petrology Lab. 18/5	
P 3144	Folded quartz-chlorite- schist	Sella Nappe	1	18/5	
P 3145	Tourmaline-garnet-pyroxene	Oligasco Pen., L. Como	21	18/5	
P 3146	Grossular-diopside marble	Casteroni	17	18/5	
P 3147	Chlorite-biotite schist	Languard Nappe	12	18/5	
P 3148				18/5	
P 3149	Mylonite	Bellinzona Castle	14	18/5	
P 3150	Languard schist	Languard Nappe	13	18/5	
P 3151	Hornblende schist	Bellinzona Castle	15	18/5	
P 3152	Flysch	Fluelen	41	18/5	
P 3153	Porphyritic granite	St Gotthard, Luckmanier Pass	38	18/5	
P 3154	Pink feldspar in gneiss	Bernina Nappe	2	18/5	
P 3155	Calcareous (Lias) breccia	Bernina Pass	4	18/5	
P 3156	Orthogneiss	Il Fuoro	9	18/5	of Silvretta crystallines
P 3157	Ophiolite	nr. Schuls	7	18/7	
P 3158	Muscovite-biotite gneiss	Casteroni	16	18/7	
P 3159	Augen gneiss	Il Fuoro	11	18/7	
P 3160	Tectonised breccia	Bernina Pass	4	18/7	
P 3161	Garnet-epidote gneiss	Casteroni	18	18/7	
P 3162	Carbonaceous schist	Casaccia, Luckmanier Pass	37	18/7	
P 3163	Migmatite	Casteroni	20	18/7	
P 3164	Biotite granite	Aquacalda	35	18/7	

	Name	Locality		Stored	Misc. Notes etc.
P 3165	Actinolite-garnet gneiss	Frodelera	346	Petrology Lab 18/7	
P 3166	Hornblende schist	Frodelera, Luckmanier Pass	33	18/7	
P 3167	Porphyritic granite	Albula Pass	6	18/7	
P 3168	Paragneiss	Erstfeld Aar Massif	40	18/7	
P 3169	Ottrelite schist	Casaccia, Luckmanier Pass	36	18/7	
P 3170	Folded orthogneiss	Il fuoro	10	18/8	Silvretta crystallines
✓ P 3171	Central Aar Granite	Gurtinellen		18/8	2 pos.
✓ P 3172				18/8	3 pos.
✓ P 3173				18/8	
✓ P 3174				18/8	
P 3175	Garnet-schist	Valley east of Bromico	32	18/8	
P 3176	Garnet-schist			18/8	
P 3177	Diopside-garnet-marble	Casteroni	17	18/8	
✓ P 3178				18/8	
P 3179	Migmatite	Casteroni	20	18/8	
P 3180	Garnet-schist	Valley east of Bromico	32	18/8	
P 3181	Porphyritic granite	Gottthard	38	18/8	
P 3182	Hornblende-schist	Frodelera, Luckmannier Pass	33	18/8	
P 3183	Argillaceous schist	Simplon Tunnel NW 0 metres		19/11	
P 3184	Argillaceous schist	" " "		19/11	
P 3185	Micaceous schist	" " 40		19/11	
P 3186	Micaceous schist	" " 140		19/11	

	Name	Locality	
P 3187	Pelitic schist	Sumplon Tunnel NW 189 metres	
P 3188	Spotted schistose slate	" "	295
P 3189	graphitic schist	" "	313
P 3190	argillaceous schist	" "	345
P 3191	White calcareous schist	" "	359
P 3192	Pelitic schist	" "	450
P 3193	Pelitic schist	" "	450
P 3194	Quartz in schist	" "	300-500
P 3195	Quartz in schist	" "	300-500
P 3196	Calc. schist	" "	521
P 3197	Quartzite vein	" "	550
P 3198	Spotted slate	" "	565
P 3199	Calc. schist	" "	677
P 3200	Dolomite + gypsum schistose	" "	695
P 3201	" " "	" "	703
P 3202	Dolomite - mica schist	" "	716
P 3203	Lineated slaty schist	" "	825
P 3204	Spotted slate	" "	900
P 3205	Laminated schist	" "	1017
P 3206	schist	" "	1100
P 3207	graphitic - schist	" "	1200
P 3208	Micaceous anhydrite schist	" "	1265

Stored
Petrology Lab. 19/1 Lineated & cleaved

19/1

19/1

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	Name	Locality		Stored
P 3231	Calcareous schist	Sumplon Tunnel NW 3200 metres		Petrology Lab. 19/4
P 3232	" "	" " 3300		19/4
P 3233	" "	" " 3400		19/4
P 3234	" "	" " 3500		19/4
P 3235	" "	" " 3600		19/4
P 3235				19/4
P 3236	" "	" " 3700		19/4
P 3237	white dolomitic schist	" " 3713		19/4
P 3238	Calcareous schist	" " 3800		19/4
P 3239	Anhydrite schist	" " 3862		19/4
P 3240	" "	" " 3900		19/4
P 3241	Dolomite	" " 3902		19/4 2 spc.
P 3242	Calc. dolomite	" " 3908		19/4
P 3243	Gneissic schist	" " 3920		19/4
P 3244	" "	" " 3952		19/4
P 3245	" "	" " 3970		19/4
P 3246	Micaceous anhydrite schist	" " 4033		19/4
P 3247	Calcareous schist	" " 4048		19/5
P 3248	White micaceous dolomite	" " 4077		19/5
P 3249	Biotite schist	" " 4080		19/5
P 3250	gneiss	" " 4100		19/5
P 3251	gneiss	" " 4200		19/5

	Name	Locality		Stored
P 3252	Foliated tremica gneiss	Simplon Tunnel	4300	Petrology Lab 19/5
P 3253	Sericate Gneiss	" "	4400	19/5
P 3254	Calcareous mica schist	" "	4412	19/5
P 3255	Chlorite mica schist	" "	4420-25	19/5
P 3256	White micaceous dolomite	" "	4426	19/5
P 3257	Hornblende schist	" "	4500	19/5
✓ P 3258		" "	4600	19/5
P 3259	Brown biotite schist	" "	4800	19/5
B 3260	Gneissic brown/grey mica-schist	" "	4900	19/5
P 3261	" "	" "	4900	19/5
P 3262	Brown biotite schist	" "	4937	19/5
P 3263	gneiss	" "	5021	19/6
P 3264	gneiss	" "	5081	19/6
P 3265	Brown biotite schist	" "	5100	19/6
P 3266	Sericate brown Mica schist	" "	5200	19/6
P 3267	Garnet mica-schist	" "	5300	19/6
P 3268	Hornblende schist	" "	5341	19/6
P 3269	Brown mica schist	" "	5430	19/6
P 3270	Mica gneiss	" "	5500	19/6
P 3271	Muscovite chlorite schist	" "	5631	19/6
✓ P 3272	Biot	" "	5522	19/6
P 3273	Biotite gneiss	" "	5545	19/6

	Name	Locality		stored
P 3274	gneiss schist	Sumplon Tunnel	NW 5560 m	Petrology Lab 19/6
P 3275	gneiss	"	" 5570	19/6
P 3276	gneiss	"	" 5600	19/6
P 3277	schist	"	" 5610-20	19/6
P 3278	gneiss schist	"	" 5700	19/7
P 3279	schist	"	" 5710	19/7
P 3280	schist	"	" 5727	19/7
P 3281	Micaschist	"	" 5800	19/7
P 3282	Micaschist	"	" 5830	19/7
P 3283	schist	"	" 5840	19/7
P 3284	Mica schist with brown mica	"	" 5900	19/7
P 3285	" " " " "	"	" 5950	19/7
P 3286	gneiss schist	"	" 6000	19/7
P 3287	gneiss	"	" 6010	19/7
P 3288	Micaschist	"	" 6100	19/7
P 3289	"	"	" 6200	19/7
P 3290	"	"	" 6205	19/7
P 3291	Calcareous mica schist	"	" 6275	19/7
P 3292	Mica schist	"	" 6300	19/7
P 3293	" "	"	" 6319	19/7
P 3294	Mica schist — gneiss	"	" 6400	19/8
P 3295	schist	"	" 6407	19/8

	Name	Locality
P 3340	Mica schist	Sumplon Tunnel NH 7220 metres
P 3341	schist	" " 7226
P 3342	Mica schist	" " 7227
P 3343	" "	" " 7242
P 3344	" "	" " 7247
P 3345	" "	" " 7249
P 3346	" "	" " 7251
P 3347	" "	" " 7260
P 3348	gneiss schist	" " 7300
P 3349	" "	" " 7352
P 3350	" "	" " 7400
P 3351	" "	" " 7454
P 3352	gneiss	" " 7484
P 3353	gneiss schist	" " 7500
P 3354	gneiss	" " 7600
P 3355	"	" " 7700
P 3356	"	" " 7745
P 3357	"	" " 7758
P 3358	gneiss schist	" " 7800
P 3359	gneiss	" " 7886
P 3360	gneiss	" " 7900
P 3361	gneiss schist	" " 8000

Stored

Petrology Lab 20/2

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Misc. Notes etc.

	Name	Locality	
P 3362	gneiss schist	Simplon Tunnel/NW 8010 metres	
P 3363	" "	" " 8070	
P 3364	gneiss	" " 8080	
P 3365	gneiss schist	" " 8100	
P 3366	" "	" " 8130	
P 3367	gneiss	" " 8146	
P 3368	gneiss	" " 8148	
P 3369	gneiss mica schist	" " 8160	
P 3370	gneiss	" " 8186	
P 3371	mica schist	" " 8200a	
P 3372	mica schist	" " 8200b	
P 3373	gneiss schist	" " 8220	
P 3374	mica schist - gneiss	" " 8300	
P 3375	mica schist	" " 8330	
✓ P 3376		" " 8400	
✓ P 3377		" " 8460	
P 3378	gneiss	" " 8492	
P 3379	mica schist - gneiss	" " 8500	
P 3380	gneiss	" " 8540	
P 3381	gneiss schist	" " 8550	
P 3382	gneiss	" " 8567	
P 3383	gneiss	" " 8583	

stored

Petrology Lab 20/4

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20/5

Misc. Notes etc.

fragments

powder

	Name	Locality	Kmètres
P 3384	gneiss schist	Sumpton Tunnel NW 8600	
P 3385	gneiss	" "	8700
✓ P 3386		" "	8770
P 3387	gneiss	" "	8775
P 3388	gneiss	" "	8800
P 3389	gneiss	" "	8900
✓ P 3390		" "	9000
P 3391	micæ schist	" "	9100
P 3392	micæ schist gneiss	" "	9110
P 3393	gneiss	" "	9200
P 3394	micæ schist	" "	9203
P 3395	"	" "	9203
P 3396	gneiss schist	" "	9300
P 3397	micæ schist	" "	9350
P 3398	" "	" "	9397
P 3399	Dolomite with micæ	" "	9400
P 3400	"	" "	9420
P 3401	Micæ schist	" "	9465
P 3402	" "	" "	9502
✓ P 3403		" "	9520
✓ P 3404		" "	9530
✓ P 3405		" "	9579

Stored

Misc. Notes etc

Petrology Lab 20/5

20/5

20/5

20/5 powdered fragments.

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20/6

	Name	Locality		Stored
✓ P 3406		Sumplon Tunnel	9600	Petrology Lab 20/6
P 3407	Calcareous schist	" "	9630	20/7
P 3408	" "	" "	9700	20/7
P 3409	" "	" "	9780	20/7
✓ P 3410		" "	9800	20/7
✓ P 3411		" "	99,900	20/7
✓ P 3412		" "	10,000	20/7
✓ P 3413		" "	10,000	20/7
✓ P 3414		" "	10,200	20/7
✓ P 3415		" "	10,300	20/7
✓ P 3416		" "	9,350	20/7
✓ P 3417		" "	10,100	20/7
P 3418	Calcareous schist	" "	9,300	20/8
✓ P 3419		" "	9,215	20/8
✓ P 3420		" "	9,125	20/8
P 3421	Micaschist	" "	9,100	20/8
P 3422	" "	" "	9,000	20/8
P 3423	" "	" "	8900	20/8
P 3424	" "	" "	8800	20/8
P 3425	" "	" "	8700	20/8
P 3426	" "	" "	8600	20/8
P 3427	Gneiss	" "	8530	20/8

Misc. Notes etc.

	Name	Locality		
P 3450	schist	Sumplon Tunnel	6200	
P 3451	"		6300	
P 3452	"		6400	
P 3453	"		6500	
P 3454	"		6700	
P 3455	gneiss		6619	
P 3456	schist		6600	
P 3457	gneiss		6540	
✓ P 3458			6750	
P 3459	schist		6800	
P 3460	"		6830	
✓ P 3461			6830	
✓ P 3462			7100	
✓ P 3463			7000	
✓ P 3464			6900	
P 3465	calcareous schist		6866	
P 3466	schist		5420	
P 3467	schist		5800	
P 3468	"		5900	
P 3469	"		6000	
P 3470	"		6100	
✓ P 3471			5500	

Stored
Petrology Lab 21/2

Misc. Notes etc.

21/2

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21/3

	Name	Locality		Stored	Misc. Notes etc.
P 3472	Schist	Sumplon Tunnel	5350	Petrology Lab 21/3	
✓ P 3473			5600	21/3	
P 3474	Schist		5 70 ⁷²	21/3	
P 3475	gneiss		5500	21/3	
P 3476	Schist		5355	21/3	
P 3477	"		5400	21/3	
P 3478	"		5420	21/3	
P 3479	"		5460	21/3	
✓ P 3480			5330	21/3	
✓ P 3481			5320	21/3	
P 3482	calcareous schist		5300	21/3	
✓ P 3483			5200	21/3	
P 3484	Calcareous schist		4611	21/4	
✓ P 3485			4600	21/4	
P 3486	Schist		4590	21/4	
P 3487	Micaschist		4570	21/4	
✓ P 3488			4880	21/4	
P 3489	Calcareous schist		4800	21/4	
✓ P 3490			4730	21/4	
✓ P 3491			4700	21/4	
✓ P 3492			4940	21/4	
P 3493			4939	21/4	

	Name	Locality		Stored	Min. Notes etc.
✓ P 3494		Sumpton Tunnel	4918	Petrology Lab 21/4	
✓ P 3495			4900	21/4	
P 3496	Micaschist		5100	21/4	
P 3497	"		5080	21/4	
P 3498	Calcareous schist		5050	21/4	
P 3499			5000	21/4	
P 3500	Micaschist		4500	21/5	
P 3501	Calcareous schist		4510	21/5	
P 3502	schist		4530	21/5	
P 3503	"		4530	21/5	
✓ P 3504			4545	21/5	
P 3505	Micaschist		4450	21/5	
✓ P 3506			4465	21/5	
P 3507	schist		4466	21/5	
✓ P 3508			4477	21/5	
✓ P 3509			4400	21/5	
✓ P 3510			4425	21/5	
✓ P 3511			4428	21/5	
✓ P 3512			4445	21/5	
✓ P 3513 ^{atb}			4394	21/5	2 spec.
✓ P 3513 ^c			4370	21/5	
✓ P 3514			4358	21/5	
✓ P 3515			4325	21/5	

	Name	Locality	
P 3516	Gneiss	Simplon Tunnel	4322
P 3517	Quartz		4321
P 3518	Gneiss		4300
P 3519	Quartz		4226
P 3520	Gneiss		4200
P 3521	Gneiss		4100
✓ P 3522			4071
✓ P 3523			4045
P 3524	Gneiss		4000
P 3525	Gneiss		3900
✓ P 3526			3850
✓ P 3527			3830
P 3528	Gneiss		3800
P 3529	Gneiss		3788
P 3530	Gneiss		3700
P 3531	Gneiss		3600
P 3532	Gneiss		3323
P 3533	Gneiss		3400
P 3534	Gneiss		3500
✓ P 3535			3552
P 3536	Gneiss		3100
P 3537	Gneiss		3200

[illegible]

	Name	Locality	
P 3538	Gneiss	Sumplon Tunnel	3291
P 3539	Gneiss		3300
P 3540	Gneiss		2800
P 3541	Gneiss		2900
P 3542	Gneiss		2985
P 3543	Gneiss		3000
P 3544	Gneiss		2400
P 3545	Gneiss		2500
P 3546	Gneiss		2600
P 3547	Gneiss		2700
P 3548	Gneiss		2400
P 3549	Gneiss		2300
P 3550	Gneiss		2200
P 3551	Gneiss		2100
P 3552	Schist		2000
P 3553	Schist		1900
P 3554	Gneiss		1800
✓ P 3555			1800
✓ P 3556			1700
P 3557	Gneiss		1600
✓ P 3558			1500
P 3559	Schist		1430

Stored
Petrology Lab. 21/7

Misc. Notes etc

21/7

21/7

21/7

21/7

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21/8

21/8

	Name	Locality	
✓ P 3560		Sumplon Tunnel	1400
P 3561	Gneiss		1300
✓ P 3562			1200
P 3563	Gneiss		1100
✓ P 3564			225
P 3565	Gneiss		200
P 3566	Gneiss		195
P 3567	Gneiss		100
✓ P 3568			045
✓ P 3569			0.000
P 3570	Gneiss		700
P 3571	Gneiss		600
P 3572	Gneiss		500
P 3573	Gneiss		400
P 3574	Gneiss		300
✓ P 3575			379
P 3576	Gneiss		1000
✓ P 3577			900
✓ P 3578			900
✓ P 3579			800
P 3580	Talc schist	Gothard Tunnel	3150 Nentrance
P 3581	" "		3443.6 N "

Stored	Misc. Notes etc
Petrology Lab. 21/8	
21/8	
21/8	
21/8	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/1	
22/3	
22/3	

#63

71

	Name	Locality	meter	From		
P 3582	Pelite schist	Gothard Tunnel	3692.4	Northface	73	
P 3583	Gneiss		1900 N		30	22/3
P 3584	Mica schist		2116.9 N		33B	22/3
P 3585	Talc quartzite schist		2180.2 N		36a	22/3
P 3586	Pelite		2637.2 N		46	22/3
P 3587	Talc quartz schist		2660.6 N		47	22/3
P 3588	" " "		2681.7 N		48	22/3
✓ P 3589			737 N		12	22/3
✓ P 3590			80.0	From Entrance	15	22/3
✓ P 3591			957 N		16	22/3
✓ P 3592			1032.2 N		17	22/3
P 3593	Quartzite		1348.2 N		24	22/3
✓ P 3594			1520.0 N		26	22/3
P 3595	Gneiss		1574.0 S		80	22/4
P 3596	Schist		1528.3 S		79	22/4
P 3597	Gneiss		1426.2 S		76	22/4
✓ P 3598			1165.5 S		74 ^b	22/4
P 3599	Gneiss		1233.8 S		76 ^a	22/4
P 3600	Gneiss		1077.8 S		72 ^a	22/4
P 3601	Gneiss		895.3 S		66	22/4
P 3602	Gneiss		801.5 (835.8) S		64	22/4
P 3603	Gneiss		506.9 (509.5) S		59d	22/4

Stored
Petrology Lab 22/3

Misc. Notes etc.

	Name	Locality			Stored	Misc. Notes etc
P 3604	Gneiss Schist	Gotthard Tunnel	248 S 1574.0 S	48 80	Petrology Lab.	22/4
P 3605	Gneiss		631 (632.2) 1528.3 S	61 74		22/4
P 3606	Gneiss Schist		396 1426.2 S	56 0.76 S		22/4
P 3607	Gneiss		244 1165.5 S	47 74 S		22/4
P 3608			235.5 S	46		22/4
P 3609	Schist		225 S	46		22/4
P 3610			148.5 S	39		22/4
P 3611			4756.5 S.	150		22/5
P 3612			4489.6 S	146		22/5
P 3613			3970.8 S	140		22/5
P 3614			3343.0 S	131		22/5
P 3615			2949.0 S	121 a		22/5
P 3616	Gneiss		2922.2 S	118		22/5
P 3617			2616.2 S	106		22/5
P 3618			2581.2 S	105		22/5
P 3619	Schist		2260.6 S	99		22/5
P 3620			2156.6 S	98		22/5
P 3621	Gneiss		813.2 S	63 d		22/5
P 3622	Schist		1714.7 S	85		22/5
P 3623	Phyllite	Lotschberg Tunnel	34			23/1
P 3624	Gneiss	Metres from SE	55			23/1
P 3625	Gneiss		69			23/1

Name	Locality	Meters from SE
✓ P 3670	Lotschberg Tunnel	1840
✓ P 3671		2461.30
✓ P 3672		2712
✓ P 3673		2995
✓ P 3674		3295
✓ P 3675		3321
✓ P 3676		3340
✓ P 3677		3300
✓ P 3678		3371
✓ P 3679		3410
✓ P 3680		3418
✓ P 3681		3520
✓ P 3682		3545
✓ P 3683		3596
✓ P 3684		3600
✓ P 3685		3640
✓ P 3686		3662
✓ P 3687		3674
✓ P 3688		3715
✓ P 3689		3740-45
✓ P 3690		3755 - 3760
✓ P 3691		3965 - 3970

Scored	Misc. Notes etc.
Petrology Lab. 23/3	
23/4	
23/4	
23/4	
23/4	
23/4	
23/4	2 pps.
23/4	
23/4	
23/4	
23/4	2 pps.
23/4	
23/4	
23/4	
23/4	2 pps.
23/4	
23/5	
23/5	
23/5	
23/5	
23/5	

Name	Locality	Number from SE	stored	Misc. Notes etc.
✓ P 3692	Lotschberg Tunnel	3810 - 3820	Petrology Lab 23/5	
✓ P 3693		3850 - 3860	23/5	
✓ P 3694		3870 - 3880	23/5	
✓ P 3695		3965 - 3970	23/5	
✓ P 3696		3935 - 3937	23/5	
✓ P 3697		3938 - 3942	23/5	
✓ P 3698		3945 - 3950	23/5	
✓ P 3699		3885 - 3890	23/5	
✓ P 3700		3978	23/5	
✓ P 3701		4010	23/5	
✓ P 3702		4162	23/5	
✓ P 3703		4162	23/6	3 pcs.
✓ P 3704		4180	23/6	
✓ P 3705		4200	23/6	
✓ P 3706		4210	23/6	
✓ P 3707		4235	23/6	
✓ P 3708		5160	23/6	
✓ P 3709		4382	23/6	
✓ P 3710		4494	23/6	2 pcs.
✓ P 3711		2620	23/6	
✓ P 3712		4744	23/6	
✓ P 3713		4345	23/6	
✓ P 3714		5465	23/6	
✓ P 3715		5695	23/6	

✓ P. 3716		Murphy from SE Lotschberg Tunnel 5715	Petrology Lab	23/6
✓ P. 3717		6115		23/6
✓ P. 3718		6120		23/6
3718 ✓ P. 3719		N 0.975		23/7
✓ P. 3720		N 0.760		23/7
✓ P. 3721		N 0.725		23/7
✓ P. 3722		N 0.640		23/7
✓ P. 3723		N 0.540		23/7
✓ P. 3724		N 0.175		23/7
✓ P. 3725		N 0.090		23/7
✓ P. 3726		S 6415		23/7
✓ P. 3727		S 6850		23/7
P. 3728.		S 7183		23/7

✓ P. 3729	Basal Lias? Breccia.	2 miles S of Bradford Skye	P.R. 14/1	Petrology Lab.
✓ P. 3730	Gryphaea in sandy Lst.	Lwr. Lias. Bradford pier	" " "	" " "
✓ P. 3731	Chilled edge to Comp. Sill.	Ruch an Eweenach. Skye	" " "	" " "
✓ P. 3732	Dolerite	" " " " "	" " "	" " "
✓ P. 3733	Hybrid.	" " " " "	" " "	" " "
✓ P. 3734	Porphyritic Xenolithic Tuffite	" " " " "	" " "	" " "
✓ P. 3735	" " Basalt.	" " " " "	" " "	" " "
✓ P. 3736	Calc Silicate Nodule.	300' W of Boina - shale & granite	" " "	" " "
✓ P. 3737.	" " " " "	20' " " " " "	" " "	" " "

Breccia + Lst Fragts beneath Lias on Dunes	lot.	Skye. no. I II.	See Field Note.
Lwr. Bradford beds.	6 spec	" " 2a.	book in collection.
From lowest 4" of sill - basic part.	"	" " 2b. 1.	File.
" " 1' above base, typical of a 1' thick layer.	"	" " 2b. 2.	
" " 4' " " " " 3' " "	"	" " 2b. 3.	
" " 11' " " " " 8' " "	"	" " 2b. 4.	
" " top 20".	"	" " 2b. 5.	
Approx 300' to E of L. Kilchrist. Skye	2 spec	" " 9.	
" " 600' " " " " " "	"	" " 11a	

P. 3738	Hornfelsed Basalt.	1' from Beinn an Dhubaich ^{Skye} granite. P.R. Petrology Lab. 14/11
P. 3739	Granite.	Beinn an Dhubaich Skye " " " " "
P. 3740	?Alkaline Granite.	1' from edge of " " granite. " " " " "
P. 3741	Serpentin Marble.	Kilchist Marble Quarry Skye. " " " " "
P. 3742	Serpentin Brucite Marble	" " " " " " " " " " "
P. 3743	Calc. Silicate Nodule.	At E contact of 1st granite " " " " "
P. 3744	Magnetite breccia Skarn.	SW contact Ben D. Granite. " " " " " 14/11
P. 3745	Applesauce Arkose.	Torridonian Lochan Dubha Skye " " " " "
P. 3746	Semipelite	L. Na Dal. Torridonian. " " " " "
P. 3747	Lewisian Gneiss.	Just above Moine Thrust. " " " " "
P. 3748	Silicious Schist.	Tarskavag Moine. Skye " " " " "
P. 3749	Sheared Arkose.	Torridonian below Moine Thrust " " " " "
P. 3750	Quartzite + Wormtube	Pipe Rock. Cambrian Dred Skye " " " " "
P. 3751	Slumped sandstone	M. Diabeg Torridonian " " " " "
P. 3752	Quartzite + serpulites.	Cambrian. Dred. Skye " " " " "
P. 3753	Hornblend Gneiss.	Lewisian. Knock. " " " " "
P. 3754	Biotite Schist	" " " " " " " " " " "
P. 3755	Granite	SE of Creag Stollanus Skye " " " " "
P. 3756	Granophyre	Glas Beinn Mha. L. Anist " " " " "
P. 3757	Felspathic Gabbro.	SE of Creag Stollanus Skye " " " " "
P. 3758	Hybridised Granite	" " " " " " " " " " "
P. 3759	Brucite Marble	below Broadford Gabbro " " " " "

T/S

Skye. No. 11b.
" " 11c.
" " 12.
" " 13. 2 spec
" " 13.
" " 14.
" " 17. 3 spec
" " 18.
" " 21.
" " 22.
" " 23.
" " 22a.
" " 24. 2 spec
" " 26.
" " 25.
" " 26.
" " 26.
" " 29.
" " 34.
" " 28.
" " 29b.
" " 28.

On the shore below Duisdale House. L. Na Dal. Skye.
 " " " on south of Tarskavag Bay " "
 on the W ad of shore below Duisdale House.
 from the Keshorn Nappe to the W of the old Window
 " " road to L. Na Dal from Broadford
 from the Keshorn Nappe W of the old Window
 from the Moine Nappe. Sleat Skye

T/S

From ^{T/S} the W edge of the Broadford gabbro.
 " " " " " " " " " " "

P. 3760.	? Marscoite.	20' NE of "36" Top of Harkers bully ^{Skye.}	P. R.	Basement.
P. 3761	Coarse Gabbro.	Broadford Gabbro. Skye.	P. R.	Petrol. Lab. 14/3
P. 3762	Porphyritic Felsite.	Nr. Creag Shollanus. Skye	" "	" "
P. 3763	Gas Breccia.	N of Creag Shollanus " "	" "	" "
P. 3764	Gas Brecciated breccia	" " " " " "	" "	" "
P. 3765	Granite.	W of Creag Shollanus " "	" "	" "
P. 3766	Porphyritic Granophyre	" " " " " "	" "	" "
P. 3767	" " Felsite	" " " " " "	" "	" "
P. 3768	Granophyre	Loch Anort. Skye	" "	" "
P. 3769	Glenamang Granophyre.	S of Harkness Gully. Skye.	" "	" "
P. 3770	Quartz Porphyry.	Harkness Gully " "	" "	" "
P. 3771	Xenoliths Granite.	Marsco. Skye	" "	" "
P. 3772	Fon Marscoite	Harkness Gully Skye	" "	" "
P. 3773	Junct. Marscoite/Felsite	" " " " " "	" "	" "
P. 3774	Marscoite	" " " " " "	" "	" "
P. 3775	Vent Agglomerate.	Kilchrist Vent Skye	" "	" "
P. 3776	Granite.	Maol Na. Gharmhich Skye	" "	" "
P. 3777	Dolerite.	Duntulm N. Skye	" "	" 14/4
P. 3778	Pirrite	" " " " " "	" "	" "
P. 3779	Peridotite	Glen Brittle Skye	" "	" "
P. 3780	Gabbro.	Ridge above Gl. Brittle House	" "	" "
P. 3781	Oil shale.	Elgol. Skye.	" "	" "

Skye No. 37.

This gabbro is downfaulted in a graben across Creag Shollanus, according to B.C. King (Skye 30)
 A chilled marginal facies of the later granite in the Broadford gabbro. (Skye 31)
 Tuffite zone follows a wrench fault. Fragments of Torridonian. Granite. Lias etc.
 (Skye no. 31).

Typical of coarse granite intruding the Gabbros.
 Intermediate grain size 20ft from S. Contact in
 Fine grained edge facies to Granite.
 with Hedenbergite & Fayalite. T/S

Skye no. 32a.

quarry by road. Skye no. 32b.

Skye No. 32b.

Skye No. 35.

Skye No. 36.

Skye No. 38.

Skye No. 42.

Skye No. 43.

Skye No. 44.

Skye No. 45.

Skye No. 50.

Skye No. 58.

Skye No. 60.

Skye No. 60.

Skye No. 63.

Skye No. 64.

Skye No. 67.

Possible Lewisian xenoliths. "blowing granophyre" T/S
 Type Locality ref:- T/S

Type Locality. T/S

Felsic unit from rhythmically banded sill.
 Mafic " " " " " "
 Late Peridotite base at the edge of Gabbros.

At base of Estuarine Series (+ Euxtheria)

Number.	Rock Type.	Locality.	Where stored.	Collection.	Further notes.
P. 3782.	GNEISS.	—	Basement TRAY 150		No. 89 (previous no.)
P. 3783	Granite Porphyroid.	—	" "		No. 55 "
P. 3784	Quartzite	—	" "		No. 117 "
P. 3785	Granite Porphyroid	Vosges. M.T.S.	" "		No. 67 "
P. 3786	Gabbro.	—	" — "	—	No. 90 "
P. 3787		—	" — "		—
P. 3788	GRANITE	—	" — "		—
P. 3789		—	" — "		—
P. 3790	Granite Porphyry	Nalored. Vosges	Basement Tray 150		No. 53 "
P. 3791	Pegmatite.	Raoul' etapay.	" "		—
P. 3792	Microgranit.	—	" "		No. 57.
P. 3793	Dolerite.	—	" "		No. 62 "
P. 3794	Syenite.	—	" "		No. ?
P. 3795	Granite.	—	" "		— "
P. 3796	Slickensided granite.	—	" "		— —
P. 3797	SYENITE	—	" "		No. 36 "
P. 3798	Granite Porphyry	—	" "		No. 76 "
P. 3799	Pegmatite.		" "		—
P. 3800	Granite Porphyroid	Le pange	" "		No. 54.
P. 3801	Granite Porphyritic	Vosges. M.T.S.	" "		No. 14. "
P. 3802	Granite Porphyroid	Vosges M.T.S.	" "		No. 27 "
P. 3803	Quartzite.	Vosges. M.T.S.	" "		No. 63 "

P. 3804	Eurite Porphyroide	—	Stored in Basement. tray 150.	—	No. 49. (Previous Nos)
P. 3805	Quartzite	Mascreaire.	" "	—	No. 115 "
P. 3806	Porphyre	—	" "	—	No. 84 "
P. 3807	—	—	" "	—	—
P. 3808	Granite avec. aigue. bleue. pyrites	—	" "	—	— 113.
P. 3809	Eurite Porphyroide	Vosges. M.T.S.	" "	—	No. 56 "
P. 3810	LpILITE	Vosges. —	" "	—	No. 111 "
P. 3811	Eurite porphyroid.	Geradmer Vosges	" "	—	No. 58 "
P. 3812	Quartz - APHANITE	Kirneik Valley. Vosges.	" "	—	—
P. 3813	(Altered Perlitic and spherulitic obsidian.)	Wuenheim, Vosges.	" "	—	25pc. [PYROMERIDE]
P. 3814	RHYOLITE with (Skeleton) Spherulites	Wuenheim. Vosges 1886.	" "	—	—
P. 3815	GRANITE	GULBACH.	" "	—	No. 19 "
P. 3816	Eurite Porphyroide	Vosges.	" "	—	No. 48 "
P. 3817	Granite Porphyroide	"	" "	—	No. 11 "
P. 3818	Porphyre Quartzifer	Vosges	" "	—	No. 78. "
P. 3819	Eurite Porphyroide	"	" "	—	No. 59 "
P. 3820	G NEISS	Geradmer, Vosges.	" "	—	No. 102 "
P. 3821	Granite Porphyroide	Vosges	" "	—	No. 8 "
P. 3822.	Eurite Porphyroide	"	" "	—	No. 60 "
P. 3823	Porphyre Quartzifer	"	" "	—	No. 79 "
P. 3824	GRANITE	—	" "	—	No 30 "

P. 3825	Curite Pyrophyroide	Vosges.	stored in Basement Tray. 150.	65 No. 37 (Previous)
P. 3826	Syenite	Labesie. Vosges.	" "	No. 37 "
P. 3827	Granite	Vosges	" "	No. 15 "
P. 3828	Granite Pyrophyroide	Vosges	" "	No. 21 "
P. 3829	Granite	St. Nelsons.	" "	No. 25 "
P. 3830	Syenite	—	" "	No. 38 "
P. 3831	Granite	Galbeck.	" "	No. 18 "
P. 3832	Syenite	.	" "	No. 34 "
P. 3833	Granite	Vosges.	" "	No. 24 "
P. 3834	Granite	Vosges.	" "	No. 23 "
P. 3835	Quartzifer	—	" "	No. 71 "
P. 3836	Quartzifer	Vosges	" "	No. 73 "
P. 3837	Granite Pyrophyroide	Vosges	" "	No. 9 "
P. 3838	Basalt.	—	" July 151	No. 2 "
P. 3839	Curite Pyrophyroide	Geradmer. Vosges.	" July 151	No. 64 "
P. 3840	Volcanic ash.	—	" "	No. 25 "
P. 3841	Andesite.	—	" "	No. 10 "
P. 3842	Basalt.	—	" "	No. 3 "
P. 3843	Quartz	Labresse, Vosges	" "	No. 116 "
P. 3844	Agglomerate?	—	" "	No. 19 "
P. 3845	Volcanic agglomerate.	—	" "	No. 34.
P. 3846	Gneiss	Geradmer. Vosges	" "	No. 100 "
P. 3847	Granite	—	" "	No. 26 "
P. 3848	Pyrophyro Quartzifer.	Beunleach	" "	No. 77 "

				COLLECTION	
P. 3849	Geynaitite	Vosges	Basement. Tray. 151	?	No. 84 (Previous.)
P. 3850	Quartzifer	"	" "		No. 74 "
P. 3851	Granite	Graden. Vosges.	" "		No. 31 "
P. 3852	Syenite.	—	" "	—	—
P. 3853	Brèche quartzite argileuse.	Vosges (Val d'Ajol)	" "		No. 119.
P. 3854	Granite Porphyry	Vosges.	" "		No. 13. "
P. 3855	Porphyre	—	" "		No. 83 "
P. 3856	Gabbro.	—	" "		No. 105 "
P. 3857	Andesite.	—	" "		No. 89 "
P. 3858	Granite	—	" "		No. 40 "
P. 3859	Syenite	—	" "		No. 33 "
B. 3860	Leptinite	Vosges	" "		No. 97 "
P. 3861	Eurite Porphyroide	Roche ferre Vosges	" "		No. 46 "
P. 3862	Haematite-rich rock.	—	" "		No. 127 "
P. 3863	Banded diorite?	—	" "		No. 22 "
P. 3864	Leptinite	Vosges	" "		No. 92 "
P. 3865	Eurite Porphyroide	Vosges	" "		No. 51 "
P. 3866	Granite Porphyroide	Vosges	" "		No. 12 "
P. 3867	Porphyre	—	" "		No. 80 "
P. 3868	Andesite.	—	" "		No. 87 "
P. 3869	Eurite Porphyroide	Vosges	" "		No. 45
P. 3870	Syenite	—	" "		No. 35.
P. 3871	Granite.	Vosges	" "		No. 3. "

P. 3872	NANGANERE	Vosges.	Basement	teary 151	No. 120 (Previous No.) Collection.
P. 3873	Granite.	Vosges.	"	"	No. 28 "
P. 3874	GNEISS	Vosges	"	"	No. 114 "
P. 3875	Granite	Gobbach	"	"	No. 16 "
P. 3876	Crinite Porphyroide	Vosges	"	"	No. 47 "
P. 3877	Spilite	Vosges.	"	"	No. 110 "
P. 3878	Leptinite	Wabersol. Vosges	"	"	No. 95.
P. 3879	Alteard, Banded Obsidian	Wuenheim Vosges. 1886	"	"	—
P. 3880	Porphyre Quartzifer	—	"	"	No. 95 "
P. 3881.	Gneiss	Vosges	"	"	No. 103 "
P. 3882.	Norite	Top of Main Zone. Bushveldt.	P.T.R.	Petrology Lab. 3/8	Pres. by. Molyneux.
P. 3883.	Granite	Bushveldt. S. Africa	" "	" " " 3/8	" " " "
P. 38845	Diallag Plug.	Chrome Horizon. Bushveldt. S.A.	" "	" " " 3/7	" " " "
P. 38884		Mooihoek. Pilansberg. Bushveldt. S.A.		3/7	
P. 3886	Pyroxenite.	Bushveldt. S.A.		3/7	
P. 3887	Norite.	Upper Main Zone. Bushveldt.		3/8	
P. 3888	? Pyroxenite	Mooihoek Platinum pipe. Pilansberg		3/7	
P. 3889	Norite.	Lower Main Zone. Bushveldt. S.A.		3/8	
P. 3890	Norite	Main zone just below 8th seam. Bushveldt.		3/8	
P. 3891	Norite	Middle Main Zone. Bushveldt.		3/8	

NOTES.

P.	Rock	Locality	Notes	Other
P. 3892.	Phonolite or Tinguaita	P. Landsberg. Bushveld. S.A.		P.R.
P. 3893	Anorthosite + Chromite layers.	Bushveld. S.A.		P.R.
P. 3894	Pyroxenite	" " " "		PR
P. 3895	" " "	Near Magnetite. Bushveld S.A.		P.R. 1
P. 3896	Chrome Horizon.	Leruo. 8. Mine " " " "		P.R.
P. 3897	Magnetite Gabbro.	Bushveld. S.A.		
P. 3898	Thin Magnetite Seam	" " " "		
P. 3899	?	Old Gr. Zone. ? Bushveld.		
P. 3900	Norite.	Leruo Chromite Mine " " "		
P. 3901				
P. 3902	? Syenite.	P. Landsberg. Bushveld. S.A.		
P. 3903	Chromite	Leruo Mine " " " "		
P. 3904	" "	" " " " " " " "		
P. 3905	Norite	200' below Merensky Reef. Union Pt. Mine		
P. 3906	Granite with Molybdenite	"Molybdenum area" Bushveld.		
P. 3907	Nickel Ore.	Parkilitic Enstatite, Chalcoprite & Pyrrhotite from the chilled zone. Bushveld.		
P. 3908	Norite.	Leruo Chrome Mine. Bushveld.		
P. 3909	Anorthosite.	" " " " " " " "		
P. 3910	Banded Chromite	" " " " " " " "		
P. 3911 +	Chamosite Odolite limestone	Rassay limest. at Base of St. Estienne Sandstone		P.E. X 14
P. 3912	Biotite Gneiss.	Moine Head of Loch Duich Ross.		
P. 3913.	Garnet Biotite Gneiss	" " " " " " " "		

P. 3914.	Flow banded Rhyolite.	Glencoe.
P. 3915.	Complex Dyke. x. section.	Nr. N point of Skye.
P. 3916	Hybrid Granite	At NE of top of Harkers Gully. Skye.
P. 3917	? " " "	At SW " " " " " " " "
P. 3918	Marble	at Granite contact Benma an Dhubarich Skye
P. 3919	Chilled Hybrid Granite.	Edge of Kilchrist Vant. Skye
P. 3920	Gabbro.	Cullins edge nr. Basalts above Glanbittie House.
P. 3921	? Feno Diorite	Top of Harkers Gully Marsco. Skye.
P. 3922	Xenolithic Hybrid Granite	E edge of the Kilchrist Vant " "
P. 3923	Marscoite.	Rd at Loch Anart Skye.
P. 3924	Five band porphyritic Basalt.	Cnoc Carnach. SE of Broadford Skye
P. 3925	porphyritic basalt + xenocrysts	" " " " " " " "
P. 3926	Hybrid. Granophyre.	" " " " " " " "
P. 3927	Granophyre.	" " " " " " " "
P. 3928		" " " " " " " "
P. 3929		" " " " " " " "
P. 3930.		" " " " " " " "
P. 3931	LAVA	
P. 3932	Basaltic Lava	
P. 3933	Lava 1842	
P. 3934	Lava	
P. 3935	Poepicia Vulcanica Breccia	

P. R.	Basement.	Skye No. 41.
" "	" "	Skye No. 39.
" "	" "	Skye No. 16.
" "	" "	" .. 52
" "	" "	" .. 68
" "	" "	" .. 40.
" "	" "	" .. 51
" "	" "	" .. 57.
		Spec A. Top of composite sill.
		Spec. C. 2' app. below top.
		" .. D.
		" .. E.
		" .. F
		" .. G.
	Basement Tray 152	—
	" "	—
	" "	—
	" "H7/3	—
	" "H7/3	—

NUMBER	Rock - Type	LOCALITY	Where stored?	COLLECTION.	NOTES.
P. 3936	Basaltic Lava.	—	Basement tray 152 H7/3		—
P. 3937	Lava.	Vesuvius, ITALY.	" " H7/3		—
P. 3938	Lava.	BARE.	" " H7/2		—
P. 3939	Grayanite Lava	SICILIA.	" " H7/3		—
P. 3940	Volcanic - Bomb.	Ascension Island.	" " H7/3		—
P. 3941	Lava	—	" " H7/3		—
P. 3942	"	—	" " H7/3		—
P. 3943	Silicates, developed in DOLOMITE.	Mt. Somma. Vesuvius.	" " H7/3 Disp		[Silicates are BIOTITE + IDOCRASE]
P. 3944	—	—	" " H7/3		—
P. 3945	Volcanic Ash.	—	" " H7/3		—
P. 3946	Scoria altered by acid vapours. (CHLORIDE)	Summit of Vesuvius, 1886	" " H7/3		Acid vapours result in the formation of Chloride.
P. 3947.	→ —————→	Mount Somma.	" " H7/3		—
P. 3948	Lava of Besiotreccase	—	" " H7/3 Disp.		year 1906.
P. 3949	Pyroxene Piperino	Pianura, Naples.	" " H7/3		—
P. 3950	Herschellite	[Sicilia] SICILIA	" " H7/3		—
P. 3951	✓ Lava.	Vesuvius. ITALY	" " H7/3 Tray 153 Disp.		L. D. Granatella year 1631
P. 3952	Lava	Bove Costa	" " H7/3		—
P. 3953	Lava Ferolipatica	Contrata Giarne	" " Seek		—
P. 3954	Lava Basaltica	" —	" " H7/3		—

P. 3955	Baccia vulcanica.	—
P. 3956	Lava Vulcanica.	Contrato Giarre
P. 3957	Lava Perossenica	—
P. 3958	Lava.	Vesuvius
P. 3959	Baccia Vulcanica	—
P. 3959	Ginnardina nel Basaltic	Sicilia.
P. 3960	Lava Ferolipatica	—
P. 3961	Lava Trachitica	Valle del Bore. ITALY.
P. 3962	Lava Pivassenica	Margano <u>Contrato</u>
P. 3963	Basaltic Lava	Paterno.
P. 3964	Lava.	—
P. 3965	Lava of Vesuvius of the Colle Umberto that opened in 1895 — 1899	Vesuvius
P. 3966	Lava with Sodalite in its fissures	Vesuvius
P. 3967	Dyke	Mt. Somma.
P. 3968	Obsidian Breccia	NAPLES, ITALY.
P. 3969	Lava	Vesuvius
P. 3970	Dyke	Mt. Somma (Vesuvius).
P. 3971	Lava	Bore.
P. 3972	Lava: Grana.	Vesuvius
P. 3973	No specimen	—

Basement tray . 153 H7/8

" " Sect.

" " Sect.

" " Sect.

" " H7/8

" " H7/8

" " H7/8

" " H7/8

" " H7/8

" " H7/8

" " Sect.

" " H7/8

" " Tray 154 H7/8 Disp.

" " H7/8 Disp.

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basalt with olivine
lower around coast
year 1855. Dried
slow outflow of lava.
[1895-1899.]

year 1631

year 1767.

year 1631. (found).

P. 3974	No specimen	Vesuvius	Basement		Notes. ?
P. 3975	No specimen				
P. 3976	No specimen.				
P. 3977 _x	Vesicular lava.	Vesuvius	Basement	Sed.	—
P. 3978 _x	Lava.	P	"	147/5	—
P. 3979 _x	Lava piovossenica	Della Valle Del Bore	"	147/5	—
P. 3980	Scoriaceous Leucite BASALT	Vesuvius	"	147/5	—
P. 3981 _x	Lava Dei Volcani.		"	147/5	—
P. 3982 _x	Lava piovossenica,	Della valle del Bove.	"	147/5	—
P. 3983	Porphyritic lava.	Vesuvius (base of.	"	147/5 Disp	year 1760.
P. 3984	?		"	147/5	—
P. 3985	Lava Dei Volcani		"	147/5	—
P. 3986	Lava Stratificato.		"	147/5	—
P. 3987	Lava Stratificato		"	147/5	—
P. 3988	At		"	147/5	—
P. 3989	BRECCIA.		"	147/5	—
P. 3990	BRECCIA.		"	147/5 Disp.	—
P. 3991	DYKE	Mt. Somma.	"	147/5	
P. 3992	Porphyritic lava.	Vesuvius Near the Piasso.	del Ginesiere.	147/6	year 1822.
P. 3993	Vesicular lava.	Vesuvius ^{Cone} Central .	"	147/6	year 1820.
P. 3994	Lava from lower part of Crater of Vesuvius	Vesuvius	"	147/6	April 1842.

					COLLECTION?
P.3995	DYKE	MT. SOMMA.	BASEMENT.	47/6 Disp	—
P.3996	Lava	Vesuvius.	"	47/6 Disp	—
P.3997	Lava.	Vesuvius.	"	47/6	—
P.3998	Vesicular lava.	VESUVIUS	"	47/6 Disp.	year 1855.
P.3999	^{Phlegrean} Vesicular ?	Near Naples	"	47/6 Disp.	—
P.4000	Lava.	Vesuvius.	"	47/6	—
P.4001	BASALTIC-LAVA.	Vesuvius	"	47/6	—
P.4002	LAVA TRACHITICO	Vesuvius	"	47/6 Disp.	—
P.4003	Lava Felsipathica.	Vesuvius.	"	47/6	—
P.4004	Basalt.	Vesuvius.	"	47/6	—
P.4005	Camaddoli della Ine.	MT. SOMMA.	"	47/6	—
P.4006	DYKE	MT. SOMMA.	"	47/6 Disp.	—
P.4007	Quartz with SERPENTINE.	Muro Near Reggio.	"	47/6	—
P.4008	Amygdaloidal lava.	MT. SOMMA.	"	47/7	—
P.4009	Amygdaloid	MT. SOMMA.	"	47/7	Calcare + Limestone.
P.4010	Ropy lava.	—	"	47/7	—
P.4011	Felspar + Mica in Tyfa.	Phlegrean Fields	"	Seck.	—
P.4012	GNEISS lava.	Vesuvius	"	47/7	year 1794.
P.4013	DYKE	MT. SOMMA.	"	47/7	—
P.4014	Lava. ?	Vesuvius, Near the Grave - Del Salvatore	"	47/7 Disp.	year 1834.
P.4015	Basalt with Lencite	MT. Somma.	"	47/7 Disp.	—

					Notes
P.4016.	Lava Trachytica.		Basement.	H7/7 Disp. Collection. ?	
P.4017.	LAVA	VESUVIUS, ITALY.	"	H7/7	—
P.4018	LAVA	Vesuvius.	"	H7/7	—
P.4019	Basaltic - LAVA	Vesuvius	"	H7/7	—
P.4020	Lava with Nepheline	Vesuvius	"	H7/7	—
P.4021	LAVA.	Vesuvius	"	H7/7	—
P.4022*	Melanite - Orthoclase - amphibole.	* Mt. Somma *	"	H7/8	—
P.4023	PEPERINO	Vesuvius	"	H7/7 Disp.	—
P.4024	Ropy basalt.	*	"	H7/7	5 specimens.
P.4025	Lava with Pridescent SODALITE	VESUVIUS	"	H7/7 Disp.	year 1631.
P.4026	PIPERINO	Herculaneum.	"	Seal. —	—
P.4027	Stalactitic Lava	From Crater of Vesuvius.	"	H7/7 Disp	year. 1868. 6 specimens.
P.4028	LAVA. Piperino	?	"	H7/7 Disp.	with columnar twigs
P.4029	Lava with Black-Mica.	Vesuvius	"	H7/7	—
P.4030	Surface of Lava in a Fissure	Vesuvius	"	H7/8 Disp.	year 1631.
P.4031	DYKE	Mt. Somma.	"	H7/8 Seal.	—
P.4032	* Weathered top of lava (sulphur) *	* Vesuvius *	"	H7/8	—
P.4033	PITCHSTONE	Vesuvius	"	H7/8 Disp.	—
P.4034	Artificial Pumice	—	"		—
P.4035	PUMICE	—	"		—
P.4036	OBSIDIAN Bands	—	"		—

		LOCALITY. ?	stored in Basement.	Collection ?	Notes
P.4037	PUMICE	—	—	—	—
P.4038	Obsidian.	—	"	—	— 2 specimens.
P.4039	* Vesicular glass. *	Vesuvius.	"	—	— 1 "
P.4040.	Spherulitic Glass from Bottom of Ceucible.	Ringend Bottle Works. Dublin.	"	—	presented by Prof Cole.
P.4041	Obsidian.	—	"	—	—
P.4042	PUMICE	—	"	—	—
P.4043	Artificial Glass	—	"	—	—
P.4044	Artificial Glass with SPHERULITES	—	"	—	Spherulites are developed.
P.4045	Artificial Glass	—	"	—	—
P.4046	Artificial Glass	—	"	—	—
P.4047	"	— Ringend	"	—	—
P.4048	Glass from Bottom of Tank taken out after 12 months use.	Ringend Glass. Bottle Company. Co. Dublin.	"	—	—
P.4049	Glassy - LAVA [Pantenerite]	MANTUA.	"	—	—
P.4050	APTCHUS	—	"	—	—
P.4051	Obsidian.	Ascension Island.	"	—	3 specimens.
P.4052	Lava (Core)	Ascension Island.	"	—	1 large specimen.
P.4053	Silver Obsidian	Mexico, South America.	"	—	2 specimens.
P.4054	obsidian	—	"	—	2 specimens.

				NOTES
P.4055	Spherulitic Dyke	Boringills, Acrean, Co. Antrim, Ireland.	stored in Basement	COLLECTION. ? 1 specimen.
P.4056	Lava from the Submarine eruption North. -East of Pantelleria, October 1891.		"	1 "
P.4057	LAUA.	LIPARI	"	3 "
P.4058	Perlitic Obsidian.	—	"	1 " —
P.4059	* Basic rock.	Lipari.	"	1 " —
P.4060	Obsidian	Lipari.	"	2 specimens. —
P.4061	Pumice Porphyroide [Braconiarct]	?	"	1 " — Section
P.4062	Obsidian with numerous inclusions from Lava stream-side of Volcano, in Lipari islands.		"	1 specimen. G. A. J. Cole.
P.4063	Obsidian.	—	"	1 specimen.
P.4064	Obsidian.	—	"	1 specimen.
P.4065	Obsidian	LIPARI.	"	1 specimens
P.4066	Pumice	Lipari.	"	2 specimens.
P.4067	Pumice	Lipari - Islands.	"	1 specimen.
P.4068	LAVA	Saint Helena	"	1 " —
P.4069	Augite and opal. in lava.	St. Helena	"	1 " —
P.4070	?	St. Helena	"	1 " —
P.4071	Amygdaloidal lava	St. Helena	"	1 " —
P.4072	LAVA	St. Helena	"	1 specimens.

					NOTES
P.4073	VOLCANIC - CLAY	Saint Helena.	stored in Basement.	COLLECTION.	3 specimens.
P.4074	Lava with OPALINE - - CLAY.	St. Helena	"	?	1 specimen.
P.4075	VOLCANIC - ASH.	St. Helena.	"		1 "
P.4076	* Ropy lava.	—	"		1 "
P.4077	BASALT.	ST. HELENA.	"		1 "
P.4078	* Ropy lava.	ST. HELENA.	"		1 "
P.4079	STONY - LAVA.	ST. HELENA.	"		1 "
P.4080	Augite, Olivine and opal in Lava.	ST. HELENA.	"		1 "
P.4081	* Vesicular lava	ST. HELENA.	"		1 "
P.4082	Vesicular Lava with Mamellar Calc-spar.	ST. HELENA. "	"		1 "
P.4083	LAVA.	ST. HELENA.	"		1 "
P.4084	VESICULAR - LAVA.	ST. HELENA.	"		1 large specimen.
P.4085	OPALINE CLAY	St. Helena	"		1 " "
P.4086	LAVA	St. Helena.	"		1 specimen.
P.4087	Ejected Lava	Guimar, Teneriffe.	"		1 "
P.4088	BURNT - LAVA in a Granite.	Guimar, Teneriffe.	"		1 "
P.4089	Vesicular Lava	ST. HELENA.	"		1 large specimen.
P.4090	OPALINE CLAY	ST. HELENA.	"		6 specimens.
P.4091	OPAL.	ST. HELENA.	"		4 specimens.

		LOCALITY		Collection. ?	
P.4092.	Rock-Type. ?	Saint HELENA.	stored in Basement		1 specimen.
P.4092(6)	Amygdaloidal Lava	ST. HELENA.	"		1 spec. "
P.4093	OPAL	ST. HELENA.	"		1 "
P.4094	LAVA.	ST. HELENA.	"		1 "
P.4095	Porphyritic Lava.	San Andee, Teneriffe.	"		1 "
P.4096	OPAL	ST. HELENA.	"		5 specimens.
P.4097	* Agglomerate.	* Saint HELENA.	"		1 specimen.
P.4098	"Augite" and "OPAL". decomposing in. LAVA.		"		1 "
P.4099	LAVA.	ST. HELENA	"		1 "
P.4100	LAVA	ST. HELENA	"		1 "
P.4101	CHRE.	ST. HELENA.	"		1 specimen.
P.4102	* Vesicular lava.	—	"		1 "
P.4103	* Vesicular lava with quartz crystal.	—	"		1 "
P.4104	Alloite Grossière (Gardier)	—	"		1 " No. 95.
P.4105	Mt. Oria Vulcana.	—	"		1 spec. "
P.4106	RHYOLITE	Lusclade, Mont Dore. 1891	"		1 " NO. 1327.
P.4107	LAVA	SANTORIN.	"		1 " —
P.4108	POZZOLANO	Monteprandone, ITALY.	"		1 " NO. 298.
P.4109	Domite Altérée.	—	"		1 " NO 132.
P.4110	Vesicular Lava	Picau, MONT.-DOMES.	"		1 " — NO. 184.
P.4111 [P.4111]	Oil Canals	Auro.	"		1 specimen.

					NOTES
P.4112.	Red Volcanic Ash.	near La Savadoire	stored in Basement.	COLLECTION. ?	1 specimen.
P.4113	TÉPHREINE Felspathique.	—	"		1 " No. 113.
P.4114	SCORIAE (ASHES)	Mount Vesuvius.	"		1 " year 1840.
P.4115.	Fluxed Lava.	Tororonte, Teneriffe.	"		1 spec. (large)
P.4116	DOMITE.	P. de. DOME.	"		1 " —
P.4117	Domite Compacte Raussatte	—	"		1 " No. 127.
P.4118	DOMITE	Auvergne	"		1 " No. 111.
P.4119	Domite Porphyrique Blanchâtre	— —	"		1 " No. 126.
P.4120.	Black Lava	Reddenberg, Rolandbeck, Prussia.	"		1 " No. 90.
P.4120	Greenish-Gray - Lava	Gasselberg, Lifel. PELM.	"		1 " No. 95.
P.4122.	Trapheat - Lava.	* —	"		1 " —
P.4123	RED-LAVA.	Kunkskopf, Kaader, Lifel:	"		1 " No. 91.
P.4124	Dark-Gray Lava.	Hameebader, Lacher, Lifel:	"		1 " No. 96.
P.4125	VOLCANIC-TUFF	? — ?	"		1 spec. — —
P.4126	Almond-Stone- Porphyry.	Kragkleven. —	"		1 " No. 127.
P.4127	"Dark-Gray, Porous Lava"	Neidermendig, Lifel.	"		1 " No. 97.
P.4128	Dark. Gray Lava	Firmerich. Daun Lifel.	"	Krantz	1 " No. 93.
P.4129	Bluish Gray Lava	Kirneberg, Seck, Westerwald.	"	Krantz	1 " No. 94.
P.4130	* Ropy lava.	—	"	Krantz	1 " 92
P.4131	Felspathite	—	"		1 " No. 1.
P.4132	"	—	"		1 " No. 9.

P.	FELSPATHITE	LOCALITY. ?	Stored in Basement.	Collection. ?	Spec. No.
P.4133					1 spec. No. 5.
P.4134	"	—	"		1 " No. 4
P.4135	"	—	"		1 " No. 8.
P.4136	Variety of Felspathite. Next rocks became amygdaloidal in places, especially towards their upper surfaces. These are also often amygdaloidal towards the base.		"		1 " No. 6.
P.4137			"		1 " No. 13.
P.4138			"		1 " —
P.4139			"		1 " No. 12.
P.4140			"		1 " —
P.4141	Intensive. These are from "Necks" or vents from which the Felspathite and ashes appear to have been ejected. Found in Dunwan Hill. All are Lower Carboniferous and contain Fossils.		"		1 " No. 14.
P.4142			"		1 " No. 15.
P.4143			"		1 " No. 17.
P.4144	These represent the amygdaloidal portion of the Felspathic rocks.		"		1 " No. 23.
P.4145			"		1 " No. 22.
P.4146	—	—	"		1 " No. 21.
P.4147	"These are various <u>ASHES</u> , interstratified with the Felspathites"		"		1 " No. 28
P.4148			"		1 " No. 32
P.4149			"		1 " No. 29.
P.4150			"		1 " —
P.4151			"		1 " No. 30.
P.4152	[see - Catalogue.]		"		1 " —
P.4154			"		1 " No. 26.
P.4155			"		1 " No. 27.

P.4156	Amygdaloidal Felspathite	—
P.4157 } P.4158 } [P.4153]	various "ashes" interstratified with "FELSPATHITES."	
	This represents the character of "Dykes" which intersect the "old Red Sandstone" in the South of Scotland.	
	LOCALITY: South West of Glasgow, Renfrew. Scotland.	
P.4159.	Ash + Lapilli from Lower Carboniferous.	Renfrewshire
P.4160	LAVA.	?
P.4161	* Agglomerate.	* Scotland.
P.4162	Whitestone - Granite	- 2 miles from "Kintore"
P.4163.	Scottish. Granite.	Scotland.
P.4164	Granite	Bunawe Quarry.
P.4165.	Granite	Stirling Hill, 4 miles from Peterhead. —
P.4166	Granite	Cairn-Gall. 6 miles West of Peterhead. —
P.4167	Granite	Fort. - Augustus.
P.4168	Polished Granite	Marble & Granite Workers. ABERDEEN. —
P.4169	* Granite	* —
P.4170	Granite.	Kemnay, 18 miles North-West of ABERDEEN, Scotland. —

Basement.	collection. ?	1 spec. no. 20.
"	"	1 " no. 35
"	"	1 " — } 25-36
"	"	1 " no. 37.
"	"	—
"	"	—
"	"	—
"	"	40-50 small specimens.
"	"	1 specimen.
"	"	1 " —
"	"	1 large spec. —
"	"	1 spec. —
"	"	1 " —
"	"	1 " —
"	"	1 large spec.
"	"	1 specimen.
"	"	2 specs.
"	"	1 spec.
"	"	1 " —

					Notes
P.4171	GRANITE	STRONTIAN, SCOTLAND.	stored in Basement.	Collection ?	1 specimen.
P.4172	GRANITE.	IONA. SCOTLAND.	"		1 " -
P.4173	Porphyritic Granite	Ardnastain, L. SUNART.	"		2 " -
P.4174.	GRANITE	Rubislaur Quarry, ABERDEEN.	"		1 " -
P.4175	Porphyritic Granite	" ARDNASTAING.	"		3 specimens.
P.4176	GRANITE	Loch. LOUGHIE.	"		1 spec. -
P.4177.	GRANITE	GERMANY	"		1 " -
P.4178.	Granite Veins.	Heidelberg. Germany	"		1 " -
P.4179	GRANITE.	?	"		1 " -
P.4180	Greisen. (Granite)	Zinnwald, Sachsen. Germany.	"		1 spec. No. 11.
P.4181	GRANITE	Ilsenstein, Harz. Germany.	"		1 " -
P.4182	Granite	?	"		1 " -
P.4183	Granite	FREIBERG	"		1 " -
P.4184	Polished Granite	—	"		1 " -
P.4185	Granite	—	"		1 " -
P.4186	Pegmatite [Graphic - Granite]	Greiner. Stein, Glatthach Spessart. GERMANY.	"		1 spec. -
P.4187	Granite	Steinbach Thal. near THALE, Harz.	"		1 " -
P.4188	GRANITE.	—	"		1 " -
P.4189	GRANITE.	Anneck Bruch, Steinerne -	"		
P.4190	Granite Granite	- Renne. HARZ. Germany.	"		1 specimen. -
		—	"		1 " -

					NOTES
P. 4191	GRANITE	GERMANY	Stored in Basement	Collection ?	1 spec. -
P. 4192	Amphibole - Granite	Hohwald, Vogesen	"		1 " NO. (9.)
P. 4193	TOURMALINE - GRANITE	Queresberg, SACHSEN.	"		1 " NO. (15.)
P. 4194	GRANITE	HEIDELBERG.	"		1 " -
P. 4195	Amphibole - Granite	Weinheim, Baden.	"		1 " NO. 8.
P. 4196	GRANITE	Neckarbank, Heidelberg.	"		1 " -
P. 4197	GRANITE	FREYBERG.	"		1 " -
P. 4198	GRANITE	FREYBERG.	"		1 " -
P. 4199	GRANITE	FREYBERG.	"		1 " - NO. 10
P. 4200	Granite	FREYBERG.	"		1 " -
P. 4201	GRANITE	FREYBERG.	"		1 " - NO. 11
P. 4202	GRANITE	FREYBERG.	"		1 " NO. 13.
P. 4203	Granite	[KRANTZ.]	"		1 spec. -
P. 4204	Granite	"	"		1 " -
P. 4205	Granite	"	"		1 " -
P. 4206	Granite	"	"		1 " -
P. 4207	GRANITE	"	"		1 " -
P. 4208	Granite	"	"		1 " -
P. 4209	Fine-grained GRANITE	"	"		1 " -
P. 4210	Granite	"	"		1 " -
P. 4211	GRANITE	"	"		1 " -
P. 4212	Granite	"	"		1 " -
P. 4213	Granite	"	"		1 spec. -

P.4214	Granite	[Krantz]	stored in Basement.	1 specimen.
P.4215	GRANITE	Ramberg, Harz, Germany.	"	1 spec. No. (1).
P.4216.	Granite	Collected by: Krantz.	"	1 " —
P.4217	Granite	" "	"	1 " —
P.4218	Granite	" "	"	1 " —
P.4219	Granite	" "	"	1 " —
P.4220	Granite	" "	"	1 " —
P.4221	Granite	" "	"	1 " —
P.4222	Granite	" "	"	1 " —
P.4223	Granite	" "	"	1 " —
P.4224	Granite	" "	"	1 " —
P.4225	GRANITE	" "	"	1 " —
P.4226	GRANITE	" "	"	1 " —
P.4227	Granite	" "	"	1 " —
P.4228	GRANITE	" "	"	1 " —
P.4229	GRANITE	Mauranger Mountain, Norway.	"	1 " —
P.4230	GRANITE	Norway.	"	1 " —
P.4231	GRANITITE (Rapa Kusni.)	Wiborg, Finland.	"	1 " — No. (4)
P.4232	GRANITE.	Mauranger Mt. Norway.	"	1 " —
P.4233	Granite	—	"	1 " —
P.4234	Granite	Orbicular, Stockholm.	"	1 " —
P.4235	Pegmatite	Norway.	"	1 " —
P.4236	GRANITE	—	"	1 " —

P.4237	* ANORTHOITE WITH, CHROMITE. *	—	stored in Basement.	collection. ?	1 specimen.
P.4238	GRANITE	—	"		1 "
P.4239	GRANITE	—	"		1 "
P.4240	GRANITE	Collected By KRANTZ.	"		1 "
P.4241	GRANITE	" "	"		1 "
P.4242.	Granite with a Pocket of Black Mineral. from. "UPSALA".		"		1 "
P.4243.	GRANITE	?	"		1 large specimen.
P.4244	Granite Porphyry.	Norway.	"		1 specimen.
P.4245	GRANITE.	SODERKAPLING.	"		1 "
P.4246	Granite [VIBORS]	FINLAND.	"		1 "
P.4247	Red - Silurian Granite	Riksgrenzo. Urgebirge * (of Retsund Type).	"		1 "
P.4248.	GRANITE	Ludgvan, 4 miles East of PENZANCE.	"		1 Block specimen.
P.4249.	Polished Granite	CORNWALL	"		1 " "
P.4250	GRANITE From Castle Anderennis Hill found in beds about six inches in thickness.		"		1 " "
P.4251	GRANITE	Cast-Pool Mine 92 fathoms below the Surface.	"		1 " "
P.4252	Polished. - GRANITE	—	"		1 " "
P.4253	Spodumene and Cillinite veins in Granite, North of Ballycorus, County Dublin. 6/11/1890.		"		1 specimen.
P.4254	Red Swede Granite	—	"		1 " "

P. 4255	GRANITE - WITH BLUE - QUARTZ	Vaddervalla, Sweden.	Basement	Collection. ?	1 specimen.
P. 4256	GRAPHIC GRANITE VEINS IN GRANITE.	Drumgoff Hill, Drumgoff. 6.9.1896	"		1 "
P. 4257	RED - GRANITE	Peterhead, Aberdeen, Scotland.	"		1 "
P. 4258	GRANITE	Aardal, Norway	"		1 "
P. 4259	* TOURMALINE - GRANITE.	—	"		1 "
P. 4260	GREY - GRANITE	Russia.	"		1 "
P. 4261	* Pegmatite.	—	"		1 " —
P. 4262	TOURMALINE - GRANITE.	Luxullian, Cornwall, England.	"		1 " —
P. 4263	GRANITE	Boswen, St. Just.	"		1 " —
P. 4264	GRANITE.	Petrabert, Cornwall	"		1 " —
P. 4265.	GRANITE	St. Just, Cornwall.	"		1 " —
P. 4266	GRANITE	St. Stephens, 41 miles north - - east of Penzance.	"		1 " —
P. 4267					
P. 4267	GRANITE	Penberth cove near the Logan Rock 9 miles west of Penzance.	"		1 "
P. 4268	GRANITE	From Long Rock near St. Michael's Mount.	"		1 "
P. 4269	GRANITE	Liskeard, Cornwall.	"		1 "
P. 4270	GRANITE	St. Kevan near the "Kards-End."	"		1 "
P. 4271	GRANITE	Constantine, Penryn.	"		1 "

P. 4272	GRANITE	Brange, 9 miles South	stored in Basement.	Collection. ?	1 specimen.
P. 4273.	Quartz (Gr)	J Penzance.	" "		1 spec.
P. 4273	Quartz - GRANITE	Mahara Colork, Ceylon.			
P. 4274	Eurite - Granitoide EuryNITE	Route de Lyon	" "		1 "
P. 4275	GRANITE.	Gummislahe used at	" "		1 "
P. 4276	→ GRANITE	Tregantle Fort.			
P. 4277	GRANITE.	—	" "		1 "
P. 4278.	GRANITE	Canter ^v ets, Pyrenees. Mrs.	" "		1 "
P. 4279	GRANITE	variété blanchâtre.	" "		1 "
P. 4280	GRANITE	Puy de Charade, Auvergne.	" "		1 "
P. 4281	GRANITE-FERRUGINEA	Cape of Good Hope.	" "		1 specimen.
	→	South Africa			
P. 4282	GRANITE	—	" "		1 specimen.
P. 4283	GRANITE (Protogene)	Selvaoto.	" "		1 spec.
P. 4284	GRANITE	Bristenstock, Uri, Schweiz.	" "		1 " (no. 3)
P. 4285	GRANITE.	Bovero.	" "		1 " —
P. 4286.	GRANITE	Rosencneivis. —	" "		1 " —
P. 4287.	GRANITE.	County Galway, Ireland.	" "		1 " no. (210)
P. 4288	GRANITE	Greestuin.	" "		1 " —
P. 4289	GRANITE	Sceeb, County Galway, Ire.	" "		1 " —
P. 4290	GRANITE	Cushendun, Ireland.	" "		1 " —
		Cornwall, "	" "		1 " —

P.4291	Block - GRANITE.	Churchtown, Carnmore, Co. Wexford, Ireland.	stored in Basement.	Collection.?	1 specimen.
P.4292	GUNNISLAKE - GRANITE	used at Yagantle Ford.	" "		1 spec.
P.4293	GRANITE.	4 miles North East of Killickan, Co. Galway.	" "		1 spec.
P.4294	Polished - GRANITE.	—	" "		1 " .
P.4295	GRANITE.	HALIFAX - HARBOUR.	" "		1 "
P.4296	GRANITE	Gane Menealis Wendran.	" "		1 " NO. 125.
P.4297	GRANITE	Egypt.	" "		1 " NO. 218.
P.4298.	GRANITE	Mount Crawford	" "		1 " —
P.4299	OX. MT. GRANITE	Pontoon, Co. Mayo, Ireland.	" "		1 spec.
P.4300	GRANITE.	Sally Gap, County Wicklow.	" "		1 "
P.4301	GRANITE	Wicklow Gap.	" "		1 spec.
P.4302	GRANITE	County Donegal.	" "		1 "
P.4303	ANTRIM GRANITE.	S. W. of Runabay Head, Antrim.	" "		1 "
P.4304	GRANITE	—	" "		1 "
P.4305	GRANITE	—	" "		1 "
P.4306	GRANITE	—	" "		1 "
P.4307	GRANITE	Ireland	" "		1 "
P.4308	GRANITE	Barnesmore Gap, Co. Donegal.	" "		1 " NO. (12).
P.4309	GRANITE	Donegal.	" "		1 " —
P.4310	GRANITE	—	" "		1 " —
P.4311	Polished Granite	—	" "		1 " —

P.4312	GRANITE	Barnesmore Gap County Donegal.	stored in Basement.	Collection. ?	1 specimen.
P.4313	Rapakivi Porphyry.	Near Conly Galway	" "		1 spec. (No. A2)
P.4314	GRANITE	—	" "		1 spec. —
P.4315	GRANITE	4 miles N. N. East of Killicran, Co Galway.	" "		1 " —
P.4316.	Serpentine	Koga Lane 5 miles east of Lizard.	" "		1 " —
P.4317	BLACK - SERPENTINE.	Trail, Ruan Minor, 4 miles S.W. of Lizard Lights.	" "		1 specimen.
P.4318	Serpentine	Duporth, beach near Churchtown, 43 miles S.E. of Penzance.	" "		1 spec. —
P.4319	Serpentine	Longulley Ruan, 23 miles S. of Penzance, Cornwall.	" "		1 spec. —
P.4320	Penzance - Marble.	Lizard, Penzance, Cornwall.	" "		1 "
P.4321	Serpentine.	Lizard . ? Cliffs	" "		1 "
P.4322	GREEN SERPENTINE.	From Flag Staff Quarries, Ruan - Minor.	" "		1 "
P.4323	Serpentine	Long Alley, Cornwall.	" "		1 specimen.
P.4324	Serpentine Marble.	—	" "		1 "
P.4325	GREEN SERPENTINE MARBLE.	—	" "		1 "
P.4326	Serpentine	Topolitz, Saxony.	" "		1 " No. 64.
P.4327	GREEN SERPENTINE	—	" "		1 " —

P.4328	GREEN-SERPENTINE	LOCALITY. - ?	Basement.	1 specimen.
P.4329	SERPENTINE	—	"	2 specimens.
P.4330	SERPENTINE.	—	"	1 specimen.
P.4331	SERPENTINE	Poltresco, Cornwall.	"	1 spec.
P.4332	SERPENTINE	Poltresco, Cornwall.	"	1 "
P.4333	SERPENTINE.	" , "	"	1 "
P.4334	SERPENTINE	" , "	"	1 "
P.4335	SERPENTINE.	From Quarries 24 miles South East of Penzance.	"	4 specimens.
P.4336	SERPENTINE MARBLE	—	"	1 specimen.
P.4337	RED-SERPENTINE	Kennack Quarries, 4 miles East of Lizard.	"	2 spcs. —
P.4338	SERPENTINE	Longalby Ruon, 23 miles South of Penzance.	"	1 spec. —
P.4339	GREEN-SERPENTINE.	Cornwall.	"	1 " —
P.4340	SERPENTINE	Care Quarries, 24 miles S. E of Penzance.	"	1 " —
P.4341	SERPENTINE	—	"	1 " —
P.4342	POLISHED SERPENTINE	—	"	1 "
P. ⁽⁴³⁴³⁾ 4342 43	SERPENTINE	4 miles South-South West of Lizard Lights.	"	1 "
P.4344...	Serpentine Marble found above Limestone in quarries of Lissongton.		"	1 specimen.

P.4345	Serpentine Marble	Locality. ?	Basement	1 large Specimen.
P.4346	Green. Serp. Marble	Conemara, Co. Galway.	"	1 specimen.
P.4347	Serpentine Marble.	Derryclare Lough, Co. Galway.	"	1 spec.
P.4348	Serpentine marble.	Egypt.	"	1 spec.
P.4349	Bastite - Serpentine	Cornwall.	"	1 "
P.4350	Serpentine Marble	—	"	1 "
P.4351	Serpentine - Marble.	Derryclare, Lough. Co. Galway.	"	1 "
P.4352	Serpentine - Marble	—	"	1 "
P.4353.	Diabase Basalt	Steige, Vogesen.	"	1 spec. No. 154.
P.4354	Olivine - Diabase.	Zwischen, Wälder Nahe.	"	1 " No. 159.
P.4355	Diabase (Palatinite)	Steinberg Oberlinzweiler.	"	1 " No. 153.
P.4356	Olivine Diabase	Zwischen Ueberath u. Nahe.	"	1 " No. 158.
P.4357	Melaphyre	Höcher, Hölz: Nahe.	"	1 " No. 149.
P.4358	Basalt	Petersberg, Siebengebirge.	"	1 " No. 135.
P.4359	Basalt	Stempel, Marburg, Hessen.	"	1 " No. 136.
P.4360	Diabase - Porphyrite	Ellingerode, Harz.	"	1 " No. 145.
P.4361	Basalt	—	"	1 " No. 139.
P.4362	Uralite - Porphyry.	Viegener, Tyrol.	"	1 " No. 146.
P.4363	Hornblende - Basalt.	Härtlingen, Westerwald.	"	1 " No. 138.
P.4364	Olivine free - Basalt	Grosser, Nickus, Rhön.	"	1 " No. 137.
P.4365	Diabase	Schwarzer, Stann.	"	1 " No. 151.
P.4366.	Basalt With Tachylite	Mägdesprung, Harz	"	3 specimens.
		N. end of Pass of Creibun, Mull.	"	

P.4367	POÉRITE GRANITOÏDE	—	Basement.	?	Notes 1 specimen. No. 161.
P.4368	BASALT	North-Star, Dyke. Ballycastle Bay.	"	"	1 specimen.
P.4369	DIABASE MANDELSTEIN	—	"	"	1 spec. No. 57.
P.4370	BASALT.	North-Star. Dyke, Ballycastle-Bay.	"	"	1 " —
P.4371	SCORIA And LAVA-Drops.	Kilauea, Sandwich Islands.	"	"	1 spec. Year 1903.
P.4372	BASALT	—	"	"	1 spec. —
P.4373	POPHYRITIC-GREENSTONE.	Nassau	"	"	1 spec. —
P.4374	BASALTE - ALIÉRE	—	"	"	1 spec. — No. 64.
P.4375	CALCAREOUS-TRAPPEAN	Ash, Plymouth	"	"	1 specimen.
P.4376	Basalt.	—	"	"	1 spec. —
P.4377	BASALT.	Croghan Hill, County OFFALY.	"	"	1 " —
P.4378	MÉLAPHYRE-POPHYRE NOIR	Ireland. — ? —	"	"	1 spec. No. 110.
P.4379	[POPHYRE-ARGILE + CARBONIFERE-POPHYRE]	— ? —	"	"	1 spec. No. 45(6).
P.4380	Basalt.	Murlough - Bay, Antrim.	"	"	1 spec. —
P.4381	FELSPathic-TRAP.	Tara Hill near the Town of Gorey in County Wexford.	"	"	1 spec. —
P.4382	MANDELSTEIN PIERRE amygdaloïde. TOADSTONE	Unkelstein am Rhein.	"	"	1 spec. No. 73.
P.4383	AugITE-POPHYRY.	Fiassa - Ital.	"	"	1 specimen. —
P.4384.	BASALTIC-TUFFA	Krantz specimen	"	"	1 spec. —

P.4385	BASALT.	Mulligans Quarry, CARMONEY Hill. Belfast, County Antrim	Basement	Collection ?	1 specimen.
P.4386	ALTERED- BASALT	68 Oberstein on Nahe Rhenish, Prussia	"		1 Krantz specimen.
P.4387	BASALT.	—	"		1 " " No. 175.
P.4388	ALTERED- Amygdaloidal BASALT.	Waldar on Nahe, Rhenish Prussia	"		1 spc. (Krantz).
P.4389	BASALT	262 Lfeldt Harz	"		1 Krantz spc.
P.4390.	Agglomerate	—	"		1 specimen.
P.4391	DIABASE	Wissenbach, Nassau	"		1 spc. NO. 152.
P.4392	MELAPHYRE (OLIVINE - THOLITE)	Dersdorf, Nahe, Rheinl.	"		1 " NO. 150.
P.4393	MELAPHYRE	Albersweiler. Pfalz.	"		1 spc. NO. 148.
P.4394	Lava.	Jebba Nigeria	"		1 specimen -
P.4395	ALTERED- BASALT	Krantz Specimen	"		1 "
P.4396.	DOLERITE	$\frac{1}{2}$ mile south west of Dunfanaghy, Co. Donegal	"		1 specimen.
P.4397	Augite - Porphyry	Bohemia	"		1 spc. -
P.4398	Porphyritic - GRANITE	Nassau	"		1 " -
P.4399	DOLERITE	—	"		1 "
P.4400	DIABASE.	Salbuch, Nahe.	"		1 "
P.4401	DOLERITE.	—	"		1 "
P.4402	DOLERITE	—	"		1 specimen.

				Notes
P.4403	BASIC - DYKE	Strathairn, L. Muir	Basement.	1 specimen.
P.4404	Augite Porphyry	Fassa - Ital.	"	1 specimen. No. 106.
P.4405	DOLERITE	Hendree Quarries 2½ miles West Leckryshaw. N. W. of Oswestry	"	1 specimen. (No 3).
P.4406	DOLERITE	" " " N. W. of Oswestry.	"	1 specimen.
P.4407	DOLERITE	Krantz specimen.	"	1 spc. —
P.4408	DOLERITE WITH - NEPHELINE	Katzentuckel.	"	1 " — No. 408.
P.4409	GREENSTONE	Mutton Island. Co Galway.	"	1 " —
P.4410	DOLERITE.	?	"	1 specimen.
P.4411.	ENSTATITE - PORPHYRITE	Namboren, Nache.	"	1 spc. No. 127.
P.4412	Mica - PORPHYRITE	Ochrenstock, Thüringen.	"	1 spc. No. 124.
P.4413	DOLERITE.	Scrabo, County Down. Ireland	"	1 spc. —
P.4414.	DOLERITE (DYKE)	From Dyke in Rosstravor, Quarry County Down, Ireland.	"	1 specimen. —
P.4415	Augite - PORPHYRITE [Cuselite]	Remiguisberg. Nake.	"	1 spc. No. 130.
P.4416	ANAMESITE	Hessen - Nassau.	"	1 spc. No. 62
P.4417	ANAMESITE	" — "	"	1 spc. —
P.4418	ANAMESITE	Steinheim, Harau, Hessen - Nassau.	"	1 spc. No. 134.
P.4419	DOLERITE. [DYKE]	Rosstravor Quarry. County Down.	"	1 specimen.

P.4420	Augite - Porphyrite (Mavite)	Oberstein, Nahe.	Basement.	— ?	1 specimen NO. 137 ⁽¹⁾ .
P.4421	Dolerite - Dyke	From Rosstraver Quarry. County Down.	"		1 specimen. —
P.4422	Dolerite	1/2 mile North East of Kilmacurra Park Gate.	"		1 specimen (No. P.19).
P.4423	Enstatite - Porphyrite.	Rübeland, Harz	"		1 specimen. No 128.
P.4424	Dolerite	Abtsröder, Ruppe. Rhön	"		1 specimen. No. 133. → 1 spc. No. 168.
P.4425	Nepheline - Tephrite.	Calvarienberg, Rhön	"		
P.4426	Basalt.	—	"		1 specimen. —
P.4427	Nephelinite	Lobauer Berg, Saxony	"		1 spc. No. 172.
P.4428	Tephritine Porcuse	—	"		1 " No. 183.
P.4429	Nepheline - Basalt	Bärenstein, Saxony.	"		1 " No. 175.
P.4430	Tephritine Compacte	—	"		1 " No. 182.
P.4431	Nepheline - Basalt - Lava.	Niedermendig.	"		1 specimen. —
P.4432	Leucite - Tephrite	Niedermendig.	"		1 spc. No. 165.
P.4433	Leucite - Basalt.	Tornicher, Kopf. Andernach.	"		1 " No. 171.
P.4434	Nepheline - Basanite	Gehilfsberg, Rasdorf Rhön.	"		1 " No. 169.
P.4435	Nephelinite	Hannebucker, Lay. Brohlthal	"		1 spc. No. 173
P.4436	Nepheline - Basalt	Hillesheim, Eifel.	"		1 spc. No. 176.
P.4437	Basanite - Variolitique.	Le Plateau de Gergovia.	"		1 spc. No. 156

P.4438	BASANITE FELSPATHIQUE.	LOCALITY. —	Basement.	—	1 specimen. NO. 187.
P.4439	BASANITE COMPACTE TITANIATÉ PYROXÉNIQUE.	Le Plateau de Corvent rives de l'Ollier.	"		1 spec. NO. 159.
P.4440	BASANITE COMPACTE VORIOLOGIQUE.	Le Mont Gergovia, le Pay Marman.	"		1 " NO. 158.
P.4441	LEUCITE - BASALT	—	"		1 " NO. 66.
P.4442	LEUCITITE	Capodi Leone, Rome.	"		1 " NO. 170.
P.4443	BASANITE COMPACTE PERIDOTEUX	Le Plateau de Chreide,	"		1 " NO. 154.
P.4444	TÉPHRIINE AMPHIBOLIFÈRE	—	"		1 " NO. 188.
P.4445.		? Kinbale?	"		1 large specimen.
P.4446	LIMBURGITE.	Kaisersstuhl, Baden.	"		1 spec. NO. 177.
P.4447	LIMBURGITE	Stöckelskuppe Eisenach, Thüringen.	"		1 " NO. 178.
P.4448	LIMBURGITE	—	"		1 " NO. 108.
P.4449	PALAEOPICRITE	Tringenstein, Nassau.	"		1 " NO. 163.
P.4450	LIMBURGITE	Hessenberg, Marklissa, Lausitz.	"		1 " NO. 179.
P.4451	PALAEOPICRITE	Highweek, Devonshire, England.	"		1 " NO. 164.
P.4452	AUGITE - PORPHYRY	Bohemia.	"		1 " NO. 170.
P.4453	AUGITITE	Baschkapole, Bohemia. -	"		1 " NO. 180.
P.4454	AUGITE - PORPHYRY	Tyrol.	"		1 specimen.

P.4455	Hornblende - Andesite.	Laxenhäuschen, Kelberg, Eifel.	Basement.	1 specimen. No. 117.
P.4456	Felspar - Porphyry	Oscnaffenburg.	"	1 specimen. —
P.4457	Porphyritic - Andesite	? — ?	"	1 Specimen. —
P.4458	Porphyre Gris	Blat - l'Eglise Châteauneuf. et les environs.	"	1 Spc. No. 24.
P.4459	Polished - Andesite	? — ?	"	2 specimens.
P.4460	Hypersthene - Andesite.	Bath, Hungary.	"	1 spc. No. 118.
P.4461	Hypersthene - Andesite.	Szilthya, Hungary	"	1 " No. 119.
P.4462	Mica - Andesite.	Schemnitz, Hungary.	"	1 " No. 114.
P.4463	Andesite.	? — ?	"	1 " No. 155.
P.4464	[Augite - Andesite from San Cologera ^(near) Lipari Islands, Italy.]	"Val di Luche, below]	"	1 specimen. —
P.4465	Andesite (Ischite)	Sengelsberg, Westerwald,	"	1 spc. No. 121.
P.4466	Andesite - Tuff.	Schemnitz, Hungary.	"	1 " No. 123.
P.4467	Augite - Andesite	Hirschberg, Siebergbürgen.	"	1 " No. 120.
P.4468	Diorite - Porphyrite.	Quenast, Belgium.	"	1 " No. 64.
P.4469.	Mica - Porphyrite	Becoreo, Italy.	"	1 " No. 125
P.4470	Porphyrite	Greece.	"	1 " No. 71.
P.4471	Mica - Andesite	Repistye, Hungary.	"	1 " No. 115.
P.4472	Porphyry	Morne, County Dublin, Ireland	"	1 " —
P.4473	Propylite	Berg, Schemnitz, Hungary.	"	1 " No. 122.
P.4474	Mica - Hornblende - Andesite.	Igya, Hungary.	"	1 " No. 116.

P.4475	LABRADORITE-PORPHYRITE	450 yds. E of summit of Knock Kilbride, Co. Mayo. Ire.	Basement	—	1 specimen. —
P.4476	ANDESITE	Portrane, County Dublin, "	"		1 specimen. —
P.4477	QUARTZ-ANDESITE.	Zalus near Cracon.	"		1 spc. —
P.4478	ANDESITE-PORPHYRY.	Portrane, County. DUBLIN.	"		1 " —
P.4479	ANDESITE - [CORES]	Cores from Slane.	"		2 specimens. —
P.4480	PYROXENE-ANDESITE	Keswick.	"		1 specimen. —
P.4481	SCORIACEOUS-ANDESITE.	From upper bed of Quarry in Perekymgroyn.	"		1 specimen. —
P.4482.	ANDESITE - WITH. Amygdaloidal - Cavities.	Lambay Islands off County Dublin, Ireland.	"		1 specimen.
P.4483.	HORNBLende-PORPHYRITE.	Ilfeld, Harz.	"		1 spc. no. 126.
P.4484	ANDESITE.	Portrane, County Dublin.	"		1 spc. —
P.4485	WEISELBERGITE.	Weiselberg, Nahe	"		1 spc. no. 129.
P.4486	PYROXENE-ANDESITE.	Keswick.	"		1 spc. —
P.4487	TRACHYTE-PORPHYRYQUE. MICACE, - VIOLÂTRE.	Le Vallon de la Dordogne.	"		1 spc. no. 125.
P.4488 ⁽⁸⁾	{HORNBLende. PORPHYRY} {stone - COAL - FORMATION.}	Potschappel, Mount Dresden.	"		1 spc. —
P.4489	Andesite porphyry.	? — ?	"		1 spc. No. 10.
P.4490	ANDESITE - PORPHYRY.	Pentland Hills, Scotland.	"		1 spc. —
P.4491.	ANDESITE.	Cushendall.	"		2 specimens. —
P.4492		? — ?	"		1 specimen. —

P.4493	QUARTZ- ANDESITE.	Mienkima, Greece.	Basement	—	1 specimen.
P.4494	ALTERED- PORPHYRITIC ANDESITE.	From "Caer- Traon" in the Caereddau Hills, South Wales.	"		1 specimen.
P.4495	TRACHYTE.	(Krantz specimen)	"		1 specimen.
P.4496	Trachyte porphyry.	? — ?	"		1 spec. No. 6.
P.4497.	TRACHYTE.	(Krantz specimen)	"		1 specimen.
P.4498	PERLIT	Jelenik, Ungam. (Krantz)	"		1 specimen, No. 87.
P.4499	TRACHYTE.	Hungary.	"		1 spec. —
P.4500.	TRACHYTE.	Roche, Savoie.	"		1 spec. —
P.4501	TRACHYTE- POREUX GRISÂTRE	Le Plateau de Durbire.	"		1 spec. No. 112.
P.4502.	TRACHYTE SILICIFÈRE ROUGE.	? — ?	"		1 spec. No. 124.
P.4503	TRACHYTE	(Krantz Specimen)	"		1 spec. —
P.4504	TRACHYTE	Drachensfels	"		1 spec. —
P.4505	TRACHYTE PORPHYRIQUE	Plateau de l'Angle.	"		1 spec. No. 119.
P.4506	TRACHYTE COMPACTE AMPHIBOLIFÈRE	? — ?	"		1 spec. No. 106.
P.4507	ANAFEXITE TRACHYTE	? — ?	"		1 spec. —
P.4508	TRACHYTE	?	"		1 spec. —
P.4509	TRACHYTE- GRANITOÏDE.	La Vallée de la Cour,	"		1 spec. No. 120.
P.4510	TRACHYTE.	Gartton Hills. Haddington.	"		3 specimens. —

P.4511.	TRACHYTE.	6 Miles South East of Limerick, Ireland.	Basement.	— ?	1 specimen.
P.4512.	KERATOPHYRE	Hüttenrode, Harz.	"		1 specimen. NO. 104.
P.4513	TRACHYTE.	Lugance.	"		1 specimen. NO. 109.
P.4514	TRACHYTE PORPHYRIQUE BULLEUX BLANCHÂTRE	? — ?	"		1 spc. NO. 117.
P.4515	TRACHYTE GRANITOÏDE à PETITS GRAINS.	"Mont - Dore"	"		1 spc. NO. 122.
P.4516	TRACHYTE COMPACTE	Le ravin de la cascade des Bains, au Mont - Dore.	"		1 spc. NO. 107.
P.4517	TRACHYTE. GRANULEUX	L'Usclade, route du Mont - Dore à Muret	"		1 specimen. NO. 123.
P.4518.	TRACHYTE.	Mount Somma.	"		1 specimen. —
P.4519	LAVA.	? — ?	"		1 spc. NO. 104.
P.4520	TRACHYTE	Mont Dore, Auvergne.	"		1 spc. NO. 100.
P.4521	TRACHYTE - PORPHYRIQUE.	Le Val d'Enfer.	"		1 spc. NO. 115.
P.4522	TRACHYTE	?	"		1 spc. —
P.4523	TRACHYTE	? — ?	"		1 spc. —
P.4524	CENTRE - OF TRACHYLITIC DYKE.	From a Dyke in County Antrim, Ireland.	"		1 spc. —
P.4525	TRACHYTE	Puy - de - Dome.	"		1 specimen. —
P.4526	ANDESITE	? — ?	"		1 specimen.
P.4527	ANDESITE	? — ?	"		1 specimen.

P.4528	Trachyte	Locality - Unknown.	Basement.	—	2 specimens.
P.4529	TRACHYTE	? — ?	"		1 specimen. —.
P.4530	FELSO - HORTOPHYRE.	Meinerzhagen Lenné, Westphalia.	"		1 spec. NO. 98.
P.4531	TRACHYTE.	? — ?	"		1 specimen.
P.4532	TRACHYTE.	? — ?	"		1 specimen.
P.4533	Trachyte.	? — ?	"		2 specimens. —
P.4534	DACITE.	Rigel, Hohlbach, Hungary	"		1 spec. NO. 113
P.4535	VITROPHYRE OR PITCHSTONE - PORPHYRY.	Lugano	"		1 " NO. 96.
P.4536	FELSPAR - PORPHYRY.	Port Stephens, New South Wales.	"		2 specimens.
P.4537	FELSPAR - PORPHYRY	Port Stephens, New South Wales.	"		1 specimen.
P.4538.	HORNSTONE - PORPHYRY	Clidubowitz.	"		1 specimen.
P.4539	FELSPAR - PORPHYRY	Port Stephens, New South Wales.	"		1 specimen.
P.4540	QUARTZ - PORPHYRY	Chemnitz Chemnitz	"		1 specimen.
P.4541.	PORPHYRITIC - ROCK - WITH. QUARTZ + FELSPAR.	Chemnitz.	"		1 specimen.
P.4542	FELSPHYRE	Leibberg, Guidesweiler, Nahe	"		1 specimen. NO. 94.
P.4543	CLINKSTONE	near Pitt's Head, Carnarvon,	"		1 specimen. —.
P.4544	HORNSTONE - PORPHYRY	Chemnitz.	"		1 specimen.
P.4545	HORNSTONE - PORPHYRY	Chemnitz.	"		1 specimen.
P.4546.	FELSPAR - PORPHYRY.	Leigamoultz.	"		1 specimen.
P.4547	PORPHYRITIC - ROCK	Cushendun.	"		1 specimen.

P.4548	Quartz-Keratophyre.	Brachthausen (Kenz.) Brachthausen. Lenn.	Basement.	— ?	1 specimen. No. 97.
P.4549	Porphyritic - Rock	Chemnitz.	"		1 specimen. —
P.4550	Felspar-Porphyr.	Chemnitz.	"		1 specimen. —
P.4551	Dyke	From Dyke in Mt. Somma.	"		1 large specimen. —
P.4552.	Porphyry	Glassdrumman, Co. Down. Ire.	"		1 large specimen.
P.4553	Porphyrite	Rossanquo.	"		1 " spec. —
P.4554	Granophyre	Zehren, Meissen, Saxony.	"		1 spec. No. 93.
P.4555.	Quartz - Porphyry	County Louth, Ireland.	"		1 spec. —
P.4556	? — ?	Blackchurch.	"		1 spec. —
P.4557	Keratophyre.	? — ?	"		1 spec. —
P.4558	Keratophyre.	? — ?	"		1 spec. —
P.4559	Keratophyre.	? — ?	"		1 specimen.
P.4560	Peroxene-Quartz. Porphyry.	Grimma, Saxony.	"		1 specimen. No. 92.
P.4561	Withamite	Glen - Coe.	"		1 specimen.
P.4562	Elvan-Dyke.	Greenmore	"		1 specimen.
P.4563	Keratophyre	Presented By W. J. Sollas.	"		1 specimen.
P.4564.	Rhomben-Porphyr.	Christiana, Norway	"		1 spec. No. 106.
P.4565	Trachyte	Drachensfels, Siebenbürgen.	"		1 spec. No. 99.
P.4566	Trachyte	Krantz Specimen.	"		1 specimen.
P.4567	Trachyte-Porphyr.	Krantz Specimen.	"		1 specimen.
P.4568	Trachyte-Porphyr.	Krantz Specimen.	"		1 specimen.

					NOTES:
P.4569	Porphyritic-Trachyte.	(Krantz Specimen)	Basement.		1 specimen.
P.4570	Syenite-Porphury	Thalhorn, Vogesen.	"		1 specimen. No. 65.
P.4571	Trachyte	? — ?	"		1 specimen.
P.4572	Porphyritic-Syenite	Aschbach.	"		1 specimen.
P.4573	Arfvedsonite - -Trachyte.	Borkum, Nethem.	"		1 specimen. No. 102.
P.4574	Trachyte.	Krantz specimen.	"		1 specimen.
P.4575	Hornblende-Syenite Porphury	Andlau, Vogesen.	"		1 specimen. No. 64.
P.4576	Felspar-Porphury	Port Stephens, New + South - Wales.	"		1 specimen. -
P.4577	Felspar-Porphury	B? ulsteit	"		1 specimen. -
P.4578.	Felstone	Carnickbuen	"		1 specimen.
P.4579	Rhyolite	? — ?	"		1 specimen.
P.4580	Quartz Porphury	Grangegeath Quarry, North East of Crossroads on top of Hill near "Slane".	"		1 specimen.
P.4581	Quartz-Porphury	Port Stephens, New South Wales.	"		1 specimen.
P.4582	Rhyolite	? — ?	"		1 specimen.
P.4583	Rhyolite.	Templepatrick, Co. Antrim.	"		1 specimen.
P.4584	Compact-Light-Gray Porphury	Nieder, Lemmingsdorf, Silesia.	"		1 specimen. No. 66.
P.4585	Rhyolite	? — ?	"		1 specimen.
P.4586	Porphury	Krantz Specimen.	"		1 specimen.

P.4587	LIEBENITE - PORPHYRY	Vierzener Pödlitz a.	Basement.	—	1 specimen. No. 66.
P.4588	GRANITE - PORPHYRY	Krantz Specimen.	"		1 specimen. —
P.4589	GRANOPHYRE. [Red]	Zehren near Meissen in Saxony.	"		1 specimen No. 55.
P.4590	FELSTONE	Orankill, Co. Galway	"		1 specimen. —
P.4591	RHYOLITE	Sandy Braes, Kells, County Antrim.	"		1 specimen. —
P.4592	GRANITE - PORPHYRY	Bodegang, zw. Thaleund Treseburg.	"		1 specimen. No. 63.
P.4593	GRANITE - PORPHYRY (alsbachite)	Melibachus, Odenwald.	"		1 specimen. No. 61.
P.4594.	ELUDN - HORNFELS.	Hartz.	"		1 specimen. —
P.4595	RHYOLITE	Hill 417 2½ miles South of Wicklow. Ireland.	"		1 specimen. —
P.4596	{ RHYOLITE. - From Quarry, North, North East of Boyle, County Roscommon, Ireland. }		"		1 specimen. —
P.4597	GRANITE - PORPHYRY.	Hirneckquelle, Hohwald.	"		1 specimen. No. 60.
P.4598.	PYROCLASTICS.	? — ?	"		2 specimens.
P.4599	{ IGNIBRITE. Wedded TUFF }	Portrane.	"		1 specimen.
P.4600	RHYOLITE	Hill South of Cuskerdall, West of Old Quarry.	"		1 specimen.
P.4601	ASH BRECCIA.	Wexford, Ireland.	"		1 specimen.

P. 4602	LIPARITE - Tuff	Bartos Lehotka, Hungary.	Basement	—	1 specimen. No. 90.
P. 4603	RHYOLITE	Selbach, Nahe Rhine Prussia. [Krantz specimen]	"		1 specimen. —.
P. 4604	<u>Thrown out.</u>	? — ?	"		1 specimen.
P. 4605	GRANITE - PORPHYRY (Ewan)	Mulberry, Bodwin in Cornwall	"		1 specimen No. 62.
P. 4606	LIPARITE - PERLITE.	Hliniki, Hungary.	"		1 specimen. No. 87.
P. 4607	VOLCANIC - TUFFA. (Porous)	? — ?	"		1 specimen. —
P. 4608	LIPARITE - OBSIDIAN.	Lipari, Italy (Krantz).	"		1 specimen. No. 88.
P. 4609	IGNIMBRITE OR WELDED Tuff.	Portrane.	"		1 specimen. —
P. 4610	APLITE	Querbach, Hesse.	"		1 specimen. No. 69.
P. 4611	RHYOLITE.	? — ?	"		1 specimen. —
P. 4612	LIPARITE - PUMICE	Lipari, Italy.	"		1 specimen. No. 89.
P. 4613	ARTIFICIAL - PUMICE	Made from Blast-Furnace slag.	"		1 specimen. —
P. 4614	PUMICE.	Martinique, 1903 presented by Dr. J. M. Purser.	"		2 specimens.
P. 4615.	SILVER - OBSIDIAN.	Mexico.	"		1 specimen.
P. 4616	PITCHSTONE	Sandy Braes, Kells. County Antrim, Ireland.	"		1 specimen.
P. 4617	OPALE PORCELANITE [VARIÉTÉ VORPÂTRE.]	? — ? —	"		1 specimen. No. 85.

P.4618	PITCHSTONE	Newry, County Armagh.	Basement.	—	1 specimen.
P.4619	PITCHSTONE	Cumberland, England.	"		1 specimen.
P.4620	PITCHSTONE	? — ?	"		1 specimen.
P.4621	PITCHSTONE.	Newry, County Armagh.	"		1 specimen.
P.4622	Porphyritic- Obsidian	Blocks in the Tufa near Naples, Italy.	"		1 specimen.
P.4623	Obsidian (Pitchstone)	? — ?	"		1 specimen.
P.4624	PITCHSTONE.	? — ?	"		1 specimen.
P.4625	Clay-stone- Porphyry	Kreulachdach.	"		1 specimen.
P.4626	Hornstone- Porphyry.	Assao.	"		1 specimen.
P.4627	Porphyroide- Verdâtre.	Route au Mont-Pore à Murat.	"		1 specimen.
P.4628	Vitrophyre (Pitchstone).	Meissen, Saxony.	"		1 specimen no. 95.
P.4629	Hornstone Porphyry.	Hartz.	"		1 specimen. —
P.4630.	Hornfels.	Pinsarn. Ringslev.	"		1 specimen.
P.4631	Pitch - Stone.	? — ?	"		1 specimen. —
P.4632	PEARLSTONE.	Monte Menone.	"		1 specimen. —
P.4633	PITCHSTONE	? — ?	"		1 specimen.
P.4634	PITCHSTONE (Blue tinged)	? — ?	"		1 specimen.
P.4635	PITCHSTONE.	Enganeen.	"		1 specimen.
P.4636	Banded- Pitchstone.	? — ?	"		1 specimen.
P.4637.	RHONOLITE	? — ?	"		1 specimen.
P.4638	RHONOLITE	Milereburg, Rhön (Krantz specimen)	"		1 specimen. no. 45.

P.4639	PORPHYRITIC-TRACHYTE	Locality. - Unknown.	Basement.	1 specimen.
P.4640	FELSPAR - PORPHYRY (PHONOLITH - TUFF)	Berastrasse	"	1 specimen.
P.4641	Volcanic - Rock	A Weiheren	"	No. 112 1 specimen.
P.4642	RHONOLITE	Kirschberg, Haiserstuhle.	"	(No. 112) 1 specimen.
P.4643	FELSPAR PORPHYRY	Berastrasse.	"	1 specimen.
P.4644	FELSPAR PORPHYRY	? - ?	"	1 specimen.
P.4645	Augite - PORPHYRY.	? - ?	"	1 specimen.
P.4646.	SYENITE	? - ?	"	1 specimen.
P.4647	Fine-grained, GRAY SYENITE.	Reclwitz Fichtelgebirge.	"	1 specimen. No. 33.
P.4648	SYENITE	Guernsey.	"	1 specimen. -
P.4649	SYENITE	Hammercliff, North Leicestershire.	"	1 specimen. -
P.4650	PORPHYRITIC-SYENITE.	? - ?	"	1 specimen.
P.4651.	Augite - SYENITE.	Ollongond, Tirule (Kean's specimen.)	"	1 specimen No. 21
P.4652	SYENITE.	Gortacurra Cong in County Mayo, Ireland.	"	1 specimen.
P.4653	Mica - SYENITE. [Durbachite]	Ohlsbach, Gengenbach Schwarzwald	"	1 specimen. No. 21.
P.4654	SYENITE.	Linné Karen in County Donegal, Ireland.	"	1 specimen. -
P.4655	SYENITE	? - ?	"	1 specimen.

[LOCALITY]

P.4656	SYENITE.	Dip-Ascher.	Basement	Supplementary Notes.	1 specimen.
P.4657	SYENITE	? — ?	"		1 specimen.
P.4658	HORNBLende - SYENITE	Robschütz. Meissen.	"		1 specimen. No. 23.
P.4659	SYENITE.	East of Loch Gangan.			
P.4660.		—	"		1 specimen.
P.4661	SNADINITE	Loacker See.	"		1 specimen. No. 103.
P.4662	BOSTONITE	Marble-head Neck. Boston	"		1 specimen. No. 71.
P.4663.	Q	? — ?	"		1 specimen. —
P.4664.	ORTHOCLASE - PORPHYRY (ORTHO PLYRE)	Engenstein, Thüringen.	"		1 specimen. No. 105.
P.4665	FELSPAR. - PORPHYRY	Castel, Tyrol	"		1 specimen.
P.4666	FELSPATHIC - ROCK	Villa Adriana, April 1644	"		1 specimen. (14).
P.4667	FELSPAR - PORPHYRY WITH - QUARTZ.	Innereary.	"		1 specimen.
P.4668	Volcanic, —	CULLAWN, Co. CLARE.		Collected By R.W. Schuetz.	1 Thin Section + 1 specimen.
P.4669		CULLAWN, Co. CLARE		R.W. Schuetz.	1 Thin Section + 1 specimen.
P.4670		CULLAWN, Co. CLARE.		"	" + None.
P.4671		CULLAWN Co. CLARE.		"	" + 1 specimen.
P.4672		" "		"	" + 1 specimen.
P.4673		" "		"	" + 1 specimen.
P.4674		" "		"	" + 1 specimen.
P.4675		" "		"	" + No Specimen

P.4676	Rock Type	Locality Cullam Co. Clare	Where stored?	Notes R.W. Schultz	Specimen (Nos.) 1 Thin section / specimen
P.4677	Volcanic	" "	"	X	" & 1 specimen
P.4678	Volcanic	" "	"	"	THIN 1 section & 1 specimen. 74.2, pl. 11. Schultz 1 Spec. & Ser. R.D.S. 3, 1965
P.4679		" "			
P.4680	VOLCANIC DUST	FROM KRAKATOA (1883)	MUSEUM	JULY COLLECTION	1 SPECIMEN (IN TUBE)
P.4681	FLOATING PUMICE	"	"	"	3 SPECIMENS
P.4682	VOLCANIC DUST	"	"	"	1 SPECIMEN (IN BOTTLE)
P.4683	"	"	"	"	"
P.4684	PUMICE	"	"	"	2 SPECIMENS
P.4685	VOLCANIC DUST	"	"	"	1 SPECIMEN (IN TUBE)
P.4686	"	"	"	"	"
P.4687	"	"	"	"	1 SPECIMEN (IN DISH)
P.4688	"	"	"	"	2 SPECIMENS (IN TUBES)
P.4689	"	"	"	"	1 SPECIMEN (IN TUBE)
P.4690	PUMICE		"	"	1 SPECIMEN
P.4691	"		"	"	"
P.4692	"		"	"	"
P.4693	"	LIPARI?	"	"	"
P.4694	"		"	"	"
P.4695	"		"	"	"
P.4696	OBSIDIAN	MEXICO	"	"	"
P.4697	SPATTER LAVA	KILAUEA, HAWAII.	"	"	"
P.4698			"	"	"

	ROCK TYPE	LOCALITY	MUSEUM	JOLY COLLECTION	SPECIMEN
P.4699	'PELE'S HAIR'				1 SPECIMEN
P.4700	LAVA	VESUVIUS	"	"	11 SPECIMENS
P.4701	VOLCANIC ASH		"	"	1 SPECIMEN
P.4702	"		"	"	"
P.4703	"		"	"	"
P.4704	VOLCANIC DUST	TARAWENA ERUPTION (60 MILES AWAY)	"	"	"
P.4705	COPROLITE	GRAND CANARY	"	"	"
P.4706	VOLCANIC DUST		"	"	"
P.4707			"	"	"
P.4708	LAVA		"	"	"
P.4709	Purple Hematite spilite	Two stream Valley S. Lough Nagoboy	Petrology Lab	9/2	4 pcs.
P.4710	Flow banded 'Rhyolite'	" " " "		9/2	
P.4711	Felsite flow breccia	" " " "		9/2	
P.4712	Banded red Jasper	" " " "		9/2	
P.4713	Hornblende Granite	Summit of Craigballyharky NE of Pomeroy		9/6	with weathering characteristic of the area 13:8:97
P.4714	Diorite with hornblende	Orior Quarry Nend		9/6	17 17:7:96
P.4715	High Al-Quartzite or Granite	Do Black Rock NW of Corishbrack		9/6	15 18:8:97
P.4716		Trintagl Pass W. of farm 2 on map	"	9/6	9 Upper part of Do further from Granite
P.4717	Tuff	Broughderg, angular boulders near Bridge		9/6	18:8:97 16
P.4718	Schistose Andesite	Slope of Mt. Brackagh Sl. Gullion		9/6	16:7:96 5:15 13
P.4719	Gneiss	Friars Rock E side Wolf Hill. Summit of Pass		9/6	14 18:8:97
P.4720	Weathering of Bedded flinty Ash.	W + above Craigmare		9/6	23 24:7:96
P.4721	Schist invaded by G	S. of Craignagabrow Fri Mt area		9/6	16 5:8:99

V. 4717

	Name	Locality	Stored	Misc. Notes etc.
P.4722	Hornblende Granite	SE of Garagrinn Summit	Petrology Lab	9/6 13.8.97 4
P.4723	Granite with hornblende	Boulder on Garagrinn		9/6 13.8.97 Hornblende developed against an included fragment of basalt (Very clear in large mass)
P.4724	Compact Db ?? Phonolite	W. of Carn on St. Gullion S In metamorphic series		9/6 7.21.7.96
P.4725	Calc. Schist	W. of Carn, Pass from Dungiven to Maghera		9/6 2 Aug. 1896
P.4726	Spherulitic Andesite	Close to + W. of St. Gullion		9/6 23A 22.3.96
P.4727	Haematitic Rock (Granite)	boulder on road W. of Garagrinn ("Garagrinn") Espresso stream hollow		9/6 5 13.8.97
P.4728	Haematite Block	SE of St. Gullion S W. of stream. W. of Linnan Water		9/6 21.7.96
P.4729	Veins of Euxite in Diorite	due W. of Churchtown Typical of SW slope of Erishbrack		9/7 17.7.96
P.4730	Gneiss			9/7 18.8.97 6" sheet 28 NE
P.4731	Mingling of G + Diorite	Boulder of SW slope of Glenarudda		9/7 30 31.7.96 (Exhibit under water)
P.4732	Caliche Granite	Linchill Upper E side of Cregganacourse		9/7 7 15.8.97 Used for burning for lime. (Treated w/ pk with Lead 1900)
P.4733	Flinty Andesite or Ash	E. base of Craigmore		9/7 24.7.96
P.4734	Feldstone (probably porphyrite with hornblende)	Road Quarry - E of 6 Mile Cross, Pomeroy area		9/7 6 14.8.97
P.4735	Block of Granite with gneiss in it	S. side of Top Heights		9/7 28 5.8.99
P.4736	Junction of Euxite + basic rock	Upper central part. Orisk Quarry		9/7 17.6.96 Here + there dioritic conditions occur along this junction
P.4737	Euxite	Carndaisy Glen, St. Gullion E side		9/7 20A 2pm. 22.3.96
P.4738	Diorite	Upper part of Orisk Quarry		9/7 16. 17.7.96
P.4739	Typical Gneiss	Craigna yarrow Above the Lophanthus bog of Leitran.		9/7 21 5.8.99
P.4740	Red Euxite with inclusion	SW flank of Tintough Hollow		9/7 27.7.96
P.4741	Gneiss	Imlorso. SE of L. Doo		9/7 10 16.8.97 6" sheet 28 SE
P.4742	Euxite { Quartz Biotite Anorthite	E. of Summit St. Gullion N.		9/7 25A 22.3.96 ? off shoot of Granite Series. (chalk above it)
P.4743	Gabbro (with many granite veins in field)	E. end of Blagh Beg		9/7 42 3.8.96
P.4744	Rhyolite. Dyke in Diorite	Orisk Quarry. Co. Tyrone		9/7 1896

	Name	Locality	Stored		Misc. Notes etc.
P4745	Ordovician	E. of Pomeroy E. of Edenvale Hse, S side of stream	Petrology Lab	9/7	15.8.97
P4746	"			9/7	
P4747	Granite blocks in O.R. sandstone	Aghragreggan Co. Tyrone		9/7	simulating, by their irregularity, an intrusive junction.
P4748	Mudflow	Bellewstown		10/1	
P4749	Ash conglomerate & thin sandstone	Bellewstown		10/1	
P4750	Porphyritic Basalt	nr Piperstown		10/1	
P4751	Jasper in Mudflow	Portrane		10/1	
P4752	—	Portrane		10/1	
P4753	Rhyolite ("Nevadite")	The Stern Meer N. of Vunhye Hungary		13/3	31.7.92
P4754		E of Hluník		13/3	30.7.92 5 g maps
P4755	Banded Rhyolite	E of Hluník		13/3	30.7.92 6 g maps 16 Pomeroy Mühlestein porphyry
P4756		NW of Skleno		13/3	30.7.92 Middle of slope 3 g maps
P4757	Coarse Andesite	Corner between Tepla & Skleno		13/3	30.7.92
P4758		E of Hluník		13/3	30.7.92 5 g maps
P4759	Rhyolite	on road just NW of Skleno		13/3	30.7.92 No 1 g maps
P4760	Nepheline Dolerite	Löbtau, Saxony		13/3	
P4761	Banded Rhyolite	N.W. of Skleno Hungary		13/3	30.7.92 2 g maps
P4762	Ditroite	Ditro		13/3	
P4763	Phonolite	Magdeburg Höhgau		13/3	
P4764	Opal in Rhyolite	NW of Skleno		13/3	30.7.92 4 g maps
P4765	Andesite	Just below Tepla (Lenge)		13/3	30.7.92
P4766	Phonolite with decomposed nose	N. of Selmečlanya			
		Hohenkrähen, Hegau, Baden		13/3	

	Name	Locality	Stored	Misc. Notes. etc.
P 4767	Perlitic Obsidian	Nr Schemnitz, Hungary	Petrology Lab. 13/3	
P 4768	Nepheline Phonolite	Road from Hilzingen to the Hohentwiel, Hegau, Baden	13/3	
P 4769	Rimsstein	Hlinik, Hungary	13/3	
P 4770	(Liparitic) 'Soggy' Rhyolite	Hlinik, Hungary	13/3	
P 4771	Quartz-Diorite ^(Diorite) (Augite)	Hodries, Hungary	13/4	(with vein + more basic segregation)
P 4772	Hornblende-Syenite	Ditro, Transylvania	13/4	approaching Diorite with much sphene
P 4773	"Dioriteporphyry" Augite Aphanite Spherulitic	Selmeeg, Schemnitz, Hefalto	13/4	
P 4774	Variolite	Bath, Hungary.	13/4	Spherulitic Augite-Andesite with Hypensthene
P 4775	Tuff	between Bacs & Garam, Bergeme	13/4	28.7.92
P 4776	"Porphyrite" with schistose inclusion	Foot of Hodrus reservoir valley, on main road	13/4	29.7.92
P 4777	Andesite	Ridge of Hill SE of Kormöcbanya	13/4	1.8.92 8g map
P 4778	Silver sulphide ore	Hodrusbanya, Hungary	13/4	Aug. 1892
P 4779	Olivine Basalt	Schuma, Bohemia	13/4	18.8.92
P 4780	Ophitic Gabbro	Between Sunn & Harborn, Nassau	13/4	30.8.92
P 4781	Nepheline Phonolite	Schlednigberg nr. Brüx	13/4	20.8.92
P 4782	Augite Andesite	Just below Algersdorf, Bohemia (nr Wernstadt)	13/4	16.8.92 to show weathering. (spheroidal passing into laminated)
P 4783			13/4	
P 4784	Felsite interbedded ^{with} shale	Waterford	10/2	
P 4785	Andesite Agglomerate	Waterford	10/2	
P 4786	Agglomerate	Waterford	10/2	
P 4787	Bedded Andesite Tuff	Waterford	10/2	
P 4788	Andesite	Waterford	10/2	

	Name	Locality
P 4789	Vesic Basalt	Garrarus
P 4790	Poreccia, erratic or Reef ls. m.	Ardmore. Waterford
P 4791	Progress of Dolomitisation	Granny "
P 4792	Siltstone over R. sublingua Zone in Mullst. Grit	Waterford
P 4793	Calc ss.	Waterford
P 4794	ORS Felic sandstone	Waterford
✓ P 4795		Lumsden Bay. Hood Head
P 4796	Psammitic Moine schist	Gruidhe Bridge on Lurig Rosehall road
P 4797	Fine grained banded Moines	Alt Ealas Bridge on Lurig Inchuadainiff Rd
P 4798	Mica schist	Loch Droma, Garve & Ullapool Rd Sutherland
P 4799	Cleaved Moines	Rue Dykell Rd from Lurig to Inchuadainiff
P 4800	Granite intrusive in Moine Schists	Gruidhe Bridge on Lurig Rosehall road
P 4801	Pyroxene-granulite	Loch Inver
P 4802	Chornokitic Gneiss "Scorria"	L. Inver
P 4803	Acid Gneiss including Basic Knots	Little Assynt
P 4804	Old Gneiss	Loch Inver
P 4805	" "	" "
P 4806	Pyroxene Granulite	Baddinabau, S. side of L. Inver
P 4807	Actinolite-granulite	S. of Loch Inver
P 4808	Pyroxene Gneiss	Baddinabau, S. side of L. Inver
P 4809	Schist with graphitic structure	Track from Poolewe to Talladale
P 4810	Node of basic rock included in Old Gneiss	Little Assynt

Stored	Misc. Notes etc.
Petrology Lab 10/2	
10/2	
10/2	
10/2	
10/2	Transilvin Beds above Fusoid Beds.
10/2	
10/2	
14/6	
14/6	
14/6	Showing sharply folded foliated planes
14/6	
14/6	
14/6	
14/6	1 st stage in alkali by movement
14/6	2nd stage - granulitic
14/6	13/9/12
14/6	forming along pre-Torridonian crust-line (only pyrox-gneiss)
14/6	13/9/12
14/6	"Loch Shiel" series
14/6	

	Name	Locality
P 4811	Hebridean Gneiss	Inchbae Lodge, Garve & Ullapool road
P 4812	Peridotite dyke of WNW trend in gneiss	1 ml. W of Bracklae. nr. Loch Inven
P 4813	Torodonian (Basal)	Loch Assynt
P 4814	Pre-Cambrian Grit	Corrie Pt just above rd. Ullapool
P 4815	Torridon sandstone	Assynt
P 4816	" "	"
P 4817	Grit worn from Gneissic rock	Ardmair rd. Ullapool W. Cromarty
P 4818	Crushed Quartzite	Altrachlodna, Assynt
P 4819	Mylonite	Loch cool Thruval
P 4820	Torridon sandstone	N shore of L. Assynt
P 4821	Basal pebbly quartzite Cambrian	Turrow side Ullapool
P 4822	Fucoid Limestone	Assynt
P 4823	Wind eroded & faceted pebbles from base of Torridon sandstone	N. shore of L. Assynt
P 4824	Torridon sandstone	
✓ P 4825	Marble	Assynt
P 4826	Gneiss with micaceous eyes	NE of Drumhadocht. Loch Ness
P 4827	Fine grained mica schist	Loch Hourn, W. Inverness-shire
P 4828	Sagelike	Loch Scye, Caithness
✓ P 4829		Beinne Nevis above Ft Wm.
P 4830	Biotite-olivine Dolerite	Kentallen, Appin, Argyll
P 4831	Hornblende-Andesite (porphyrite)	Summit of Beinn Nevis Argyll
P 4832	Rock in which tachylitic dykes occur	Kilimelfor, Argyll

Stored	Music. Notes etc.
Petrology Lab.	14/6
	14/6
	14/5
	14/5
	14/5
	14/5
	14/5 Pre Cambrian age
	14/5
	14/5
	14/5 10/9/12
	14/5 B
	14/5 on approaching Morie Thruval.
	14/5
	14/5
	14/5
	15/1
	15/1
	15/1
	15/2
	15/2
	15/2
	15/2 673

	Name	Locality	Stored	Misc. Notes etc.
P4833	Rock in which tachylitic dykes occur	Kilbael foy, Argyll	Petrology Lab. 15/2	674
P4834	Amygdales in Lava Andesite	Lr Old Red Sdshe. Warrick, Firth of Tay	15/2	
P4835	Loch Na Cille Boulder Bed Agglomerates	Tayrallich, Argyllshire	15/3	
P4836	" "	" "	15/3	
P4837	" "	" "	15/3	
P4838	Vesicular Spelite	Loch Na Cille. Argyllshire	15/3	
P4839	Tuff	nur Loch Na Cille "	15/3	
P4840	Actinolite - Mica Schist	Portsoy. Banff	15/4	
P4841	Micaceous Psammite	Ardentunny Hotel, Argyllshire	15/4	Ben Ledi Grit
P4842	Pyritic Pelite	Loch Arich, Argyll	15/4	
P4843	Loch Arich Grit	" " "	15/4	
P4844	" " "	" " "	15/4	
P4845	Cannan Grit	Craignish "	15/4	
P4846	Ermo Quartzite	Loch Fynne, Argyllshire	15/5	
P4847	Porphyroblastic pelite	Itay slide, Glen Tilt, Perthshire	15/5	
P4848	Porphyroblastic garnet schist	Itay slide, Ait Na Moine Buidhe Nr Schiehallion. Perthshire	15/5	
P4849	Porphyroblastic Pelite	Ait Na Moine Buidhe, Schiehallion Area. Perth	15/5	
P4850	Porphyroblastic garnet schist	Itay slide, Ait Na Moine Buidhe Nr Schiehallion Perthshire	15/5	
P4851	Slide Facies	Itay slide, Glen Tilt, Perthshire	15/5	
P4852	Cam Mairg Quartzite	Pit lochry, Perthshire	15/5	
P4853	Porphyroblastic semipelite	Itay slide, Ait Na Moine Buidhe Schiehallion Area. Perthshire	15/5	
P4854	Porphyroblastic garnet schist	" " "	15/5	

	Name	Locality	Stored	Misc. Notes etc.
P 4855	Porphyroblastic semipelite	Itay slide Alt na Mòine Beudha Schiehallion Area. Perthshire	Petrology Lab 15/5	
P 4856		Gowden Farm, S of Dalguinross, Comrie	15/6	
P 4857✓	Eye-Gneiss	Portsay, Banff	15/6	
P 4858✓			15/6	
P 4859	Agglomerate	Glen Coe, Argyllshire	15/6	
P 4860✓			15/6	
P 4861✓			15/6	
P 4862	(Intrusive) Basalt	Monument Hill, nr Comrie, Perthshire	15/6	
P 4863	Hornblende Mica-Diorite	Glen Lednock, Perthshire	15/6	
P 4864	Diorite including Schist	" " "	15/6	
P 4865	Nepheline Basalt Neck	E. branch of Alt Camie na Ba 1 3/4 m N. of Aluminous Works. Kilmochlen	15/6	
P 4866	Granite Fault Intrusion	Glen Coe Argyllshire	15/6	
P 4867	Xenolithic Granite Fault Intrusion	" " "	15/6	
P 4868	Crystalline Limestone in Schist	Road E. of Ardeonaig, Loch Tay, Perthshire	15/7	
P 4869	Slide Facies	Itay slide, Glen Tilt, Perthshire	15/7	
P 4870	Slide Facies + Kyanite	" " " "	15/7	
P 4871	" " "	" " " "	15/7	
P 4872	Granite Boulders	Boulder Bed, Schiehallion, Perthshire	15/7 2 pgs.	
P 4873	Dolomitic Group	Below Boulder Bed. " "	15/7	
P 4874✓	Dolomitic group + Actinolite	" " " "	15/7	
P 4875			15/7	
P 4876	Dolomitic group	Below Boulder Bed. N side of Schiehallion "	15/7	

	Name	Locality	Stored	Misc. Notes etc.
P4877	Binninn Quartzite	L. Leron, Argyll	Petrology Lab 15/8	
P4878	Eilde Quartzite	Ballachulish area Mr. L. Leron	15/8	
P4879	Eilde Schist	Ballachulish, S.W. shore L. Leron	15/8	
P4880	Glencoe Quartzite	" " "	15/8	
P4881	Semipelitic Leron Schist	Mr Ballachulish slide L. Leron coast.	15/8	
P4882	Ballachulish Slate	L. Leron coast section (SW) Ballachulish	15/8	
P4883	Stretched Pebbles in Appin Quartzite	Orich Shore, Ballachulish, Argyll	15/8	
P4884	" " " "	" " " "	15/8	
P4885	Appin Quartzite graded + blue Qtz.	" " " "	15/8	
P4886	Appin Quartzite	" " " "	15/8	
P4887	" " " "	" " " "	15/8	
P4888			15/8	
P4889	Struan Flaps (Maine)	River Garry, Perthshire	15/8	
P4890	Boulder Bed Matrix	Schuchallion, Perthshire	15/8	
P4891			15/8	
P4892			15/8	
P4893		Flysch NE of Annecy	18/3	
P4894	Jurassic Breccia	Breccia Nappe Pre Alps	18/3	
P4895	Nagelfluhe	Rigi	18/3	
P4896		Malm	18/3	
P4897	Salzberg Trias	Halle Innsbruck	18/3	
P4898	Brandschiefer		18/3	

P4899	Name	Locality	Stored	Misc. Notes etc.
	Tras	Tyrol	Petrology Lab 18/3	
P4900	Gabbro	Glenbrittle Skye (Wellins)	14/4	
P4901	Limestone contact skarn	Carlingford	PE+6 PT+1 NTS	stored in Cellar.
P4902	Granophyre " " with gabbro	"		
P4903	Gabbro	"		
P4904	Net veined gabbro	"		TSx5
P4905	Gabbro	"		TSx1.
P4906	Skarn assemblage	"		
P4907	"	"		
P4908	"	"		
P4909	"	"		
P4910	"	"		
P4911	"	"		
P4912	Strontian Granite	Strontian Ardnamurchan		181
P4913	Eucrite	Round Vichuan → high house		182
P4914	Quartz gabbro	"		183
P4915	Xenolith in gabbro sill	Vichuan		184
P4916	Basalt	"		185
P4917	Leis below sill	"	TSx1 186	The section of 4916 is shown in lab.
P4918	Graigurite	Mingary Castle	TSx1 187	
P4919	Cone sheet	"	TSx1 188 Dolomite	
P4920	Vent. agglomerate.	Ben Hiant		189

	Name	Locality	Stored.	Notes
P 4921	Granophyre	Ben Hunt	Prodanurshan	TSx1 A10 Much glass with spherulites - some like ^{aluyotte} granophyre
P 4922	Vent. agglomerate	"	"	A11
P 4923	Pitch stone lava	"	"	TSx1 A12 Porphyritic pitchstone (Plagioclase, pyroxene phenocrysts)
P 4924	Quartz dolerite	"	"	TSx1 A13 Very coarse gabbro intruding fine felsite
P 4925	Porphyritic quartz dolerite	"	"	A14
P 4926	Acid dyke with pyroxene	Road to Achnaka	"	A15
P 4927	Great Euclite	"	"	TSx1 A16
P 4928	Pegmatites var of Gr. Euclite	"	"	TSx1 A17
P 4929	Biotite gabbro	"	"	TSx1 A18
P 4930	Biotite gabbro (fluxion)	"	"	A19
P 4931	Coarse gabbro.	"	"	A20
P 4932	Quartz gabbro - (darkened)	"	"	TSx1 A22
P 4933	Fluxion gabbro	"	"	TSx1 A23
P 4934	Tonalite	"	"	TSx1 A24a Quartz tonalite
P 4935	Tonalite	"	"	A24
P 4936	Quartz monzonite	Central Mts, Achnaka	"	TSx1 A25
P 4937	Hyporthene gabbro	Sanna Bay	"	TSx1 A26 Olivine, hypersthene gabbro
P 4938	Revised has xenolith in Hyp. Gabbro	"	"	TSx1 A27
P 4939	granophyre/dolerite (knifed)	Road to light-house	"	TSx1 A28 Granophyre intrudes dolerite - interstitial granophyre develops ^{in dolerite}
P 4940	granophyre ret.-veining dolerite	Light-house	"	A29
P 4941	Volcanic Agglomerate	Fiskdale Bay	"	TSx1 A30 matrix only
P 4942	"	"	"	TSx1 A31 with fragments of ejectamenta. (vol. & sed.)

	Name	Locality	Stored.	Notes.
P 4943	Contact between 2 basalt flows	Faskadhle Bay Ardmurchan	A32 TSx1	
P 4944	Grauphyre	San Bheag "	A33 TSx1	
P 4945	Grauphyre	" " "	A34a TSx1	
P 4946	Assimilated sandstone (banded)	" " "	A34b TSx1	
P 4947	Olivine (?) hyposthenegabbro.	N. of Sanna Bay "	A35	
P 4948	Big Fiddysan basalt.	Maclean's Nose "	A36 TSx1	
P 4949	Biotite schist (? toine)	Glen Shield (road side cutting).	A37 TSx1	
P 4950	Brucite marble	S. of Loch Vichrist Skye	A38 TSx1	Durress limestone / Ben-an-Dubhaig Granite
P 4951	" " + diopside	" "	A39	contact skarn. See Tilley's classic papers
P 4952	" " + iron brucite	" "	A40 TSx1	in Min. Mag.
P 4953	? Iron Brucite	" "	A41	
P 4954	Skarn limestone + serpentinite	" "	A42 TSx1	Contains diopside etc
P 4955	Banded skarn + serpentinite (Magnetite (marble))	" "	A43	
P 4956	Skarn limestone (marble)	" "	A44	
P 4957	"	" "	A45 TSx1	
P 4958	Olivine basalt	N. of Loch Snizort "	A46 TSx1	
P 4959	Peridotite with chilled margin & ^{zeolite layer}	Kuilha Barnaskitraig "	A47	TSx1 Shear Type sill. Section shows anolite
P 4960	" " analcite band	" " "	A48	TSx1 Good skarn rich peridotite with analcite.
P 4961	" " (pegmatitic var.)	" " "	A49	TSx1 Analcite & Zeolite rich, feldspathic.
P 4962	" " olivine rich main type	" " "	A50	TSx1. Good peridotite
P 4963	Picrite	Duntulm "	A51	TSx1
P 4964	quartz on calcite vein in picrite	" "	A52	

	Name	Locality
P 4965	Pitchstone dyke	Caolus Scalpay. Skye
P 4966	Glas Beinn Mhor Granophyre	Red Hills "
P 4967	Loch Airst Granophyre	" "
P 4968	Ben Davy Mhor Granophyre	" "
P 4969.	Basal Carb. Congl. + Sphalerite	Keel. Co. Longford.
P 4970	^{Feldspathised Gabbro} Banded metabasite / plagioclase / quartz rock.	^{N. margin Delaney Dome, Connemara} N. of Connemara, Connemara
P 4971	Connemara Marble.	Marble quarry N of Clifden, Conn.
P 4972	Tremolite in Magnesian limestone	N. shore Killybegs Bay. Conn.
P 4973	Semi-pelite	Barnaullia. "
P 4974	Staurolite garnet schist	Recess / Kylemore Rd, N. of Loch Ingh "
P 4975	Harzburgite	Dawson Peninsula. Connemara
P 4976	Diopside	"
P 4977	Gabbro	"
P 4978	Hyperssthene-rich harzburgite	"
P 4979	^{Andalusite} Silicified Hornfels.	Owenmore Rd, near Toomabeg. "
P 4980	Pyroxene-cordierite rock	" "
P 4981	Siliceous group.	Connemara. "
P 4982	Boulder bed	" "
P 4983	Archaean Tonalite	S. of Mass ave, Donegal.
P 4984	Main Donegal Granite	Duckagh -> Fintona Rd "
P 4985	Pyroxenitic phase of #.	"
P 4986	Shale muscels	" "

Stored.	Notes.
AS3	TSx1
AS4	TSx1 Var. of Red Hills granites. } extremely granophyre
AS5	TSx1
AS6	TSx1
Museum.	P.E. x 24 li Base ment.
TSx1	(c2) ^{much epidote} assimilated gabbro from gabbro / ultra basic body.
	(c3)
TSx13	(c4) Calc-silicate granulite in lower Slieve Donard
	(c5) above Boulder bed. ^{shows} F ₄ folding.
TSx1	(c6) shows F ₄ folding
TSx6	(c7) totally serpentised.
TSx6	(c8) Partly serpentised. much pyroxene lfs. with siliceous
TSx5	(c9) <u>Pyroxene Peridotite</u> - good.
TSx6	(c10) Partly serpentised.
TSx5	(c11) Horn / clast semi-pelite schist in ultrabasic contact zone. ^{Excellent cordierite}
TSx1	(c12) Andalusite - boulder hornfels with good cleavage texture
TSx1	(c13) S. Connemara Series. ^{Streaking} recrystallised chert - good sedimentary
TSx1	(c14) S. Connemara Series.
TSx1	(c15a) Foliated & ? crushed.
TSx1	(c15) Dark. light bands.
	(c16) containing ? orthite
	(c17) limestone xenolith in Main Granite.

1	Name	Locality
P4987	Skarn minerals	Duchury - Fintona Rd. Donegal.
P4988	Beryl grimmer.	N. of Dungloe.
P4989	Folded pelite in limestone	Quarry S. of Portnoo
P4990	Gas-brecciated (amphophyre)	Near Minderick Hill, S. of Portnoo
P4991	Semi-pelite with graphitic bands	Flan Columbkille
P4992	Contact of microginites dyke - Thor's Granodiorite	Keshbeg.
P4993	Banded hornblende / plagioclase / rock.	N. of Roundstone, Connemara
P4994	Tephrophyric andesite.	Hill of Allan.
P4995	Teschenite.	NE of Lough Beeke, S. of Millway Harbour, Co. Mayo
P4996		Croagh Morenstown, Ulster
P4997	Pectinolith Schist.	Scotchport Bay, Balbracket.
P4998	Connemara Marble.	Clegha.
P4999	Thin black greywacke with chlorite on	Pearse plan.
P5000	Kyanite Schist.	Arhill Island.
P5001	Albite Schist	Arhill Island.
P5002	Basalt	Loc. unknown
P5003	Diorite.	Glendabugh
P5004	Lewisian Marble	Loch Duig (Toraig) Ross-shire.
P5005	" Eclogite	Loch Duig.
P5006	Garnet Amphibolite / Scourian Dyke.	Scourie Sutherland
P5007	Hornblende-plagioclase gneiss in contact w. Scourian dyke.	Upper Badcal, Sutherland
P5008	Lewisian bedded Eclogite.	Loch Duig.

Stored	Notes.
TS+2 (C18)	(Garnet + zoisite) (Hexagonal discoid crystals - garnet w/ls. ? corundum)
(C19)	In leucogranite.
(C19a)	Pelite band in Portnoo limestone
TS+3 (C20)	
TS+1 (C21)	
C18a)	- augen grains with pale yellow (or red) matrix.
TS+1 (C21)	Assimilated gabbro / monzodiorite / ultrabasic body.
TS+6 P.E.	6 thin sections. Upper Ordovician lower flows.
	From Benin Co. (Collected A. Senior)
	Lower Volcanic Group ? lower O.R.S.
	Actinolite - static growth period, probably not MP.
Basement	
PE x 13. Spec. No TS.	
" PE x 6 spec. No TS	(Collected W. Hartley)
" PE x 6 spec. No TS.	Slide facies schist (Collected Dr. Kennedy)
(Basement.)	partly metamorphosed albite (" ")
7 specimens	
TS	
Exam set TS x 15. TS.	Oliver bearing (Gil. No. A
Exam set	
Pet Lab. TS x 10	B.
TS.	Scourian dyke rich in hypersthene C
Pet Lab. (teaching set) TS	- show gneiss only. 10 Thin section Feb 72, Teaching set. D
Pet Lab (teaching set) TS x 10.	both growing at expense of pyroxene. E
Hyposol 34 TS. in (17)	

PS	NAME	LOCALITY	RTZ	STORED	NOTES
P5009	Mineralised conglomerate	Keel, Co. Longford	(underground workings)		Pale yellow sphalerite in white quartz conglomerate
P5010	"	"	"		" with galena.
P5011	Mineralised fault breccia	"	"		sphalerite
P5012	"	"	"		"
P5013	Quartz & dolomite crystals in cavities	"	"		"
P5014	Dacite	Cushenduff, Co. Antrim.		TS x 16 P.E.	1st Bench Top Drawers on left.
P5015	Olivine dolerite	Portrush, Co. Antrim.		TS x 16 P.E.	Paragon Lab.
P5016	Andalusite-bearing hornfelsed schist.	Coney Hill, nr. Ardara, Co. Donegal.		TS x 10 P.E.	Textured complex. Try to locate pluton.
P5017	Gas-brecciated lamprophyre	near Glenties Hill, S. of Portlaoise		TS x 1	Requint met. Detached in garnet-mica schist. Sampled
P5018	? Cordierite hornfels. (in P. granite intrusion)	Naveen Hill, Donegal.		TS x	Associated with granite
P5019	Tuff (No. 4) Interbedded with limestone	Roche Hill, near Dairineen,		1	
P5020	Calcareous Tuff above ↑ & bedded chert.	[Maps & references Jackson 1962] Co. Offaly.		1A	
P5021	Fine calcareous Tuff	"		2	
P5022	Coarse agglomerate tuff	"		2A	
P5023	Tuff	"		2B	
P5024	Agglomerate of vesicular basalt	"		3	
P5025	Basalt flow	"		4	
P5026	Vesicular basalt	"		5	
P5027	Vesicular basalt	"		5A	
P5028	Essexite	Lennestown, Scotland.		TS x 17 P.E.	
P5029	Sillimanite-quartz-mica hornfels.	Lough Keel, Thom District, Donegal.		TS x 16 P.E.	
P5030	Pink Granite			Basement x 37 E.S.	
P5031	Grey Granite			" x 40 E.S.	

CAT. NUMBER	NAME	LOCALITY	STORED	NOTES
P. 5033	Marble - serpentine.	X 58 S. E.		
P. 5032	Schist.	X 38. S E.		
P 5033	Amphibolite (after eclogite)	Glenelg, Scotland	H. Spec 28, TS (17) Pet. Lab. - teaching set	TSX10 Field number 277 10 Thin sections Teaching set.
P 5034	Dioopside marble	" "	H. Spec 31, TS (18) Pet. Lab. - teaching set	TSX18 S 18 18 Thin sections "
P 5035	1 Quartzite	Lackagh Bridge, Nr. Creeslough, Donegal	Pet. Lab. J8/4 to J8/8	Collected - Sen. Geoph. Trip, Easter '72 by J. S. Sanders.
P 5036	2 Quartzofelspathic gneiss	" " "	(sections in drawer no (28))	* sectioned - quartz, muscovite, biotite, feldspar
P 5037	3 Semipelitic schist (Creeslough group)	Quarry, roadside, 1 mi E Creeslough "		sectioned - biotite, feldspar, quartz
P 5038	4 Amphibolite (" ")	" " " "		
P 5039	5 Banded, schistose calc-silicate rock	Old railway cutting, roadside, 1/2 mi E Creeslough "		sectioned - feldspar, biotite, quartz, calcite
P 5040	6 Schistose calc-silicate rock; biotite porphyroblasts	" " " "		sectioned - feldspar, biotite, quartz, calcite
P 5041	7 Massive quartzite (Ardara quartzite)	Ardara peninsula (loose block) "		
P 5042	8 Dioopside marble (Marble Hill dolomitic limestone)	Roadside, opp. Church of Ireland, 3/4 mi S. Ballymore		* sectioned, stained - white, calcite, quartz, diopside
P 5043	9 Pyritous calcareous schist (" " " ")	" " " "		sectioned, stained - white, quartz, biotite, muscovite, pyrite
P 5044	10 Quartzite (Sessiagh banded quartzite)	Roadside, 1/2 mi N. Ballymore, Donegal		
P 5045	11 Marble	Esplanade Sessiagh Lough, behind petrol station, "		sectioned - white, calcite, quartz, feldspar
P 5046	12 Thinly laminated quartzite (Ardara quartzite)	Below slide, Mickie's hole, Horn Head, "		* sectioned - white, calcite, quartz, feldspar
P 5047	13 Massive quartzite (" " ")	" " " "		
P 5048	14 Pelitic schist (Falcarragh pelite)	Above slide, " " "		
P 5049	15 Greenstone schist - extremity of boudin in above quartzite	In Ardara quartzite " " "	T. Section (17) Pet. Teaching	sectioned - 12 sections in Pet. Teaching collection.
P 5050	16 Massive greenstone - centre of boudin	" " " "		sectioned - white, calcite, quartz, feldspar
P 5051	17 Laminated semi-pelite, chlorite pseudomorphs.	Close to metagabbro, S of Mickie's hole " "		sectioned - chlorite (pseudomorphs), quartz, feldspar, biotite
P 5052	18 Meta-chilled margin of gabbro, 2m wide	" " "		sectioned - white, calcite, quartz, feldspar, biotite, chlorite

<u>Cat. Number</u>	<u>Name</u>	<u>Locality</u>	<u>Stored</u>	<u>Notes</u>
P 5053	19 Coarse meta gabbro	2m from contact, S. Mickres Hole, Horn Head, Donegal	J8/4 to J8/8	sectioned <i>gabbro - dark olivine - epid (2001) - biot - gne - included</i> collected by I.S.S.
P 5054	20 Xenolith in meta gabbro	crest of spur " " "	Thin sections in drawer (28)	sectioned <i>little (blue mylonite - matrix), biotite/olivine/clin</i>
P 5055	21 Coarse meta gabbro	" " " "		sectioned <i>white granitic texture; white, orthopyrox</i>
P 5056	22 Metadolerite	roadside 800m NNE church Glencolumbkille, Donegal		sectioned
P 5057	23 " (top of same exposure as 22)	" " " "		sectioned
P 5058	24 Calcareous pelite	" 900m NNE church " "		
P 5059	25 Dolomitic marble	" " " "		
P 5060	26 Quartzite (Slieve Tooley Quartzite)	boulders, roadside, 1200m NNE church " "		
P 5061	27 Pelitic schist (Glen Head schist)	SKelposnagh Bay, Glencolumbkille "		
P 5062	28 Granitic block in Boulder Bed	" " " "		
P 5063	29 Grossular - diopside skarn	NE shore Lough Lough, Thorr, Donegal		
P 5064	30 Diopside marble	1m: N.E. " " " "		sectioned <i>grossularite - diop - calcite - epid - biot</i>
P 5065	31 Sillimanite gneiss from raft	E. Lough Dhu, Thorr district, "		sectioned <i>gabbro - plagi - biot - gne - white gabbro + biotite</i>
P 5066	32 Epidote - grossular skarn	Causeway, Lough Nagilly, " "		
P 5067	33 Metadolerite	N of causeway, " " "	(11 TS in teaching drawer (17))	sectioned <i>little, granitic, some gabbro (TS x13) in teaching collection</i>
P 5068	34 Sillimanite gneiss	roadside, 500m N.W. Lough Keel, " "		sectioned
P 5069	35 Marble with dark band, (Portnoo limestone)	Quarry, S.E. end of Gweebarra bridge, Donegal		sectioned <i>gabbro - calcite - gabbro - calcite</i>
P 5070	36 Pelitic schist (?sillimanite) (Cleengort pelite)	track, " " "		sectioned <i>gabbro - massive - dark - fine - white</i>
P 5071	37 Pelitic schist (?kyanite) "	" " " "		sectioned <i>calcite - gabbro - calcite - massive - gabbro</i>
P 5072	38 Intermediate dyke in older granodiorite	Mullaghderg, Rosses, Donegal		sectioned 2x <i>small gabbro - plagi - gabbro - biot - calcite - gabbro</i>
P 5073	39 "Orbicular" granodiorite adjacent 5072	" " " "		sectioned <i>Also large hand specimen 254.</i>
P 5074	38A Appinite	Killkenny turnoff, S. Gweebarra est., "		sectioned
P 5074A	"	" " "		sectioned

Cat. Number	Name	Locality	Stored	Notes
P5075	40 Explosive breccia	KilKenny, S. Gweedara Est., Donegal		sectioned.
P5076	Grt band in Timolonian with pseudotachylite	Kyle rhea, Glenelg, N.W. Scotland	Pet. Teaching T.S. in drawer (27) Al. Spec with Glenelg set	TS x 5 (S333). 5 sections, only 1 slow glass.
P5077	Volcanic bomb	Ascension Island	Museum SC 3/1	
P5078	" "	" "	" "	
P5079	" "	" "	" "	
P5080	" "	" "	" "	
P5081	Aa lava	Heikla	" "	1970 eruption
P5082	" "	" "	" 29/14	" "
P5083	" "	" "	" 29/14	" "
P5084		? Pontoon, Co. Mayo Comrie, Perthshire	Basement	Exam. collection (63 hand specimens.)
P5085	C1 Hornfels	Spout Rolla (400 m from contact) 729284	Pet. Lab drawer 29	Collection from Comrie Aureole see Tilley 1924 QTGS 80, 22-71
P5086	C2 Hornfelsed epidiorite	733284 - 10 m from contact	drawer 29	TS
P5087	C3 Diorite	" 100 m inside contact	thin sections in drawer (27)	TS
P5088	C4 Hornfelsed epidiorite	730284 - Crags below road		TS
P5089	C5 Dark hornfels (common cordierite $\pm$)	756248 - Roadside - below electricity cables on Crappach Hill		TS x 5
P5090	C6 " (hypersthene, cordierite)	" "		TS x 5
P5091	C7 " (cordierite)	" "		TS
P5092	C8 " (cordierite)	" "		TS
P5093	C9 Hornfels	753247 Crappach Hill - 300 m from road		TS
P5094	C10 " (biotite)	" "		TS
P5095	C11 " (corundum)	" "		TS x 5
P5096	SC14 Garnet amphibolite pyroxenite	159428 by Badcall turn-off	Pet. lab. drawer 30, side benches. Thin section in drawer (27)	Collection from Loch Inver - Assynt - Scourie, N.W. Scotland. TS part hydrated gar - phyl - qtz - opx

Cat. Number	Field Number	Name	Locality	Stored	Notes
P5097	SC15	Anthophyllite - magnesite rock	159428 Badcall turn-off	Rocks drawer 30	TSX 10 extra sections in teaching coll. - drawer - sections drawer (27)
P5098	SC16	Serpentinized peridotite	" "		TS oliv - east - cpx - serpentine
P5099	SC18	Pyrroxene granulite	150413 Farlead Pt., Badcall Peninsula		TS hyp - cpx - plag (pleochroic hyp) <u>very fresh</u>
P5100	SC19	Mafic lens in ^{amphibolite} pyroxene granulite	" " "		TS amphibolite
P5101	SC20	Pyroxene granulite	" " "		TS amphibolite (plag, per, Hf, Lb, spln)
P5102	SC21	Feldspathic gneiss	155452 200m N of pier, Scourie		TS q - plag - cpx - cpx - spl
P5103	SC22	Garnet - gneiss margin to ...	" " "		TS cpx - cpx - gar - plag - Hbl
P5104	SC23	... ultra basic body.	" " "		TS
P5105	SC24	Pipe rock (Cambrian)	235244 Skrag Bridge, Loc 2 Assynt		
P5106	SC25	Borolanite (2 pieces)	Quarry 1 mi S.E. Loch Borolan		TS
P5107	SC26	" (2 pieces w. Sulph. canchinite)	"		
P5108	SC27	Durness limestone	Just below Moine Thrust, Crocan		
P5109	SC28	Moine	" above " " "		
P5110	-	Spotted rock	Barff harbour, N.E. Scotland	Pel. Lab rock in 29, sections (19)	TSX 5 cordierite, per, biotite
P5111	Ach 1	graphitic psammite	Nth of Claggan Bay, Achill, Co. Mayo	Pel. Lab J6/8	TS q - musc - graph
P5112	Ach 2	matrix to "conglomerate"	Nth of Binnafahy " "	sections & drawer (23)	TS q - musc
P5113	Ach 3	semipelite	" " "		TS q - musc - chlor + unident. prisms
P5114	Ach 4	metadiorite in above	" " "		TS alb - chlor - musc - opaque
P5115	Ach 5	actinolitic talc - negative rock	Ooghnaclarve " "		TS actin. - talc - serp.
P5116	Ach 6	porphyroblastic semipelite	Gubgarve " "		
P5117	Ach 7	graphitic ^{mica} schist	Nth Ashlean Bay " "		TS musc - alb. - chlor - q - calcite - tourm. - opaque
P5118	Ach 8	"softened" quartzite	just S of river, Ashlean Bay " "		TS q - musc
P5119	Ach 9	marble	" " "		TS dol - q

Collected by I. S. Sanders during field mapping camp at Achill, July 1972.

Cat. number	Field number	Name	Locality		Stored	Notes
P5120	Ach 10	Calcareous schist	Ashlean Bay	Achill Co. Mayo	Rocks J6/8 sections (23)	TS dol - q - musc
P5121	Ach 11	Massive calcareous boulders in Ach 10	"	"	"	TS? dol - q - musc
P5122	Ach 12	Small gas brecciated dyke in 10 + 11	"	"	"	TS "
P5123	Ach 13	"	"	"	"	TS "
P5124	Ach 14	"	"	"	"	TS "
P5125	Ach 15	Quartzite in gas breccia	"	"	"	TS q - musc
P5126	Ach 16	Finely laminated quartzite	Claggan bay	"	"	TS q - musc + sphn
P5127	Ach 17	Conspicuous green schist	"	"	"	TS alb - epid - chlor - actin - sphn
P5128	Ach 18	Epidote boudins in Ach 17	"	"	"	TS epid - q - chlor P.T. used as example of epidote. 15 TS in drawer 11 (minerals)
P5129	Ach 19	Feldspathic semipelite	Carricknacrubhage	"	"	TS q - musc - chlor - alb - epid + orthite, ap, opaque:
P5130	S56	Kyanite - garnet schist	Drain Isal, Glena Beag, Glenelg, Scotland	Spec in drawer 25 sections in drawer 16	TS ^x q - pl - biot - garr - Ky - mt - chlor	
P5131	111	Nepheline Syenite	Junguri Hill, Zomba area, Malawi		TS	} See Ref. Bull 16 of Malawi Geol. Survey (Geol. of Zomba area)
P5132	112	Nepheline Syenite	"		TS	
P5133	113	Nepheline Syenite	"		TS	
P5134	199	Nepheline Syenite	Mauze Hill, N. of Mlanje Mt. Malawi		TS	See Ref. Bull 5 The Pliocene Series of S. Nyasaland
P5135	W1	Hornfelsed mylonite adj. serpentinite	Dawros, Connemara	TS S.	TS	Material collected on T.S. Field Trip to West port 1973. (I.S.S.)
P5136	W2	Fine hornfelsed mylonite adj. serpentinite	"	Gillin drawer	TS	splendid antiperthite, sillimanite
P5137	W3	Serpentinite	"	"	"	TS - some pleo hypensthene
P5138	W4	Part serpentized harzburgite	"	"	"	
P5139	W5	"	"	"	"	
P5140	W6	Hornfelsed garnet gneiss	"	"	"	TS
P5141	W7	Heavy mineral band 10 cm thick	Shore, S of shore, below boulder bed, Claggan			
P5142	W8	Matrix to boulder bed	Proximity N. Claggan, Connemara			

Cat number	Field number	Name	Locality	Storage	Notes
5143	W9	mica schist	below boulder bed, Cleggan, Connemara.	pet lab. leadings	18 thin sections; qtz-mica foliation; early fabric in plagioclase.
5144	W10	submarine volcanic breccia, Ordovician	Finny river section, Mayo.	I.S.S.	
5145	W11	cleaved green amygdaloidal tuff, Ordovician	stream section, S.L. Nafoosey.	"	
5146	W12	porphyritic dolerite sill cutting Upper Silurian	Salrock, Killary Harbour.	"	T.S.
5147	W13	'Dalradian' psammite schist	Pontoon Rd, 1/2 mi from Castlebar, Co Mayo	"	T.S.
5148	W14	'Dalradian' psammite	roadside, Kings Hill, Co Mayo.	"	
5149	W15	Cobble of granite cut by rhyolite	loose block, beach, Rhema Quay, Co Mayo.	"	
5150	OX6	Perthite-garnet-psammite	Slisk Wood, Sligo	pet lab.	22 thin sections.
5151	109	Foliated harzburgite	Ekremseter, Almklovdal, Sunnmøre, Norway		13 thin sections.
5152		Coarse lam. hilt			ex Harrison's cleavage stone
5153		Medium "			" "
5154		Fine			" "
5155	D41	Hbl-chlor-schist	100m N of Lackagh Bridge, Greeshough, Donegal.	pet lab.	collected Easter field trip 1974 by I.S.S.
5156	D43	Part altered gabbro sill in Ardara Quartzite	S. Mickie's Hole, Horn Head peninsula, Donegal		
5157	D44	'Granite' - just inside contact of Ardara Pluton.	just S. of Ardara, Donegal.		
5158	D45	'Granite' - central part of Ardara Pluton	Tully Beg, S. of Ardara, Donegal.		
5159	D46	Granodiorite from Thorr pluton.	Meenatofan, E. of Dungloe, Donegal.		
5160	D47	Grossular-diopside - skarn	Laragh Lough, E. of Dungloe, Donegal.		
5161	D48	Dolerite - dyke cutting Thorr granodiorite	Crovehy " " "		
5162	D49	Diopside and hornblende in skarn	Cansway, Lough Nagilly " "		
5163	D51	Dioritic hornblende	Mulnamia Cove Rough Point S. of, Gweebarra Estuary, Donegal		
5164	D52	Hornblendeite	" " " "		

Cat. Number	Field Number	Name	Locality	Storage	Notes
5165	D53	Diorite	Mount Moineau More Raney Pt. S.H. Gweedana Estuary, Donegal.		
5166		^{pseudomorphs} Mica schist with and after andalusite	Glenduran, Co Wickliffe.		1st year excursion.
P 5167	FA1	Trachyandesite	Puy Mary, Cantal, Auvergne.		
P 5168	FA2	" with granite xenolith	" " "		
P 5169	FA3	Phonolite	Pas de Peyrol " "		
P 5170	FA4a	Olivine Picrite	" " "		
P 5171	FA4b	Tephritic Phonolite	Ribes (nr. Saignes) "		
P 5172	FA5	Trachyte with inclusions	nr. Menet " "		
P 5173	FA6	" "	" " "		
P 5174	FA7	Peralkaline Phonolite	nr. Prallac " "		
P 5175	FA8	Peridotite nodules in basalt	W. of Puy de Bessolles, Puy de Dome "		
P 5176	FA9	Comenditic Rhyolite	nr. Monaux " "		
P 5177	FA10	Sancyite Sanidine crystals	Col de la Croix St. Robert " "		
P 5178	FA11	Doreite	Le Mont-Dore (Haut) " "		
P 5179	FA12	Spherulitic Rhyolite	Lusclade, E. of la Barboule " "		
P 5180	FA13	Obsidian block in Nuée	" " "		
P 5181	FA14	Ordanachite	E. of la Barboule " "		
P 5182	FA15	Basalt denui-deuil	" " "		
P 5183	FA16	Ankaramite	" " "		
P 5184	FA17	Luscladite (core of denui-deuil flow)	" " "		
P 5185	FA18	Sancyite dyke	" " "		
P 5186	FA19	Phonolite	" " "		

Catalogue Number	Field Number	Notes	Locality	Storage	Remarks
P5187	FA 20	Hauyne-bearing ocellanite	Circuit de la Barrière Puy de Dôme Auvergne		
P5188	FA 21	Domite - biotite trachyte	Summit, Puy de Dôme "		
P5189	FA 22	Doreite.	Summit, Mont-Dore "		
P5190	M1	Gritty + fine psammite of Upper Morar Psammite.	Back of Keppoch, Arisaig, Morar, Scotland 650850	pet. lab.	Collection of Moines of N.W. Scotland made June 1974 during Geol. Soc. Tectonic Studies gp
P5191	M2	Moine basal semipelite	716851 Beandale Burn, Morar, Scotland	teaching	excursion led by Scott Johnson, Donald Smith, Tony Harris, to Morar, Kinlochhourn + Dornie.
P5192	M3	Horn-stained Lower Morar Psammite	713843 Loch nan Vach, Morar, Scotland		
P5193	M4	Garnet-pelite. Lochailort Pelite	Loch Ailort, Morar, Scotland		
P5194	M5	Garnetiferous muscovite pegmatite	road cutting, Loch Eilt, " "		- so called "older pegmatite" - gives age of 730 ± 5 my
P5195	M6	Pelite from Glenfinnan striped group	857815 Sgura Mhuiriche, Morar, Scotland		
P5196	M7	Calc-silicate " " "	" " " "		
P5197	M8	Calc-silicate " - "	road cutting E of Glenfinnan, Morar, Scot		
P5198	M9	Hornblende-gar-calc-silicate pool. " "	" " " "		
P5199	M10	Migmatite	500m further E " " " "		
P5200	M11	Psammite of Loch Eil division	Loch Garry, Scotland		
P5201	M12	Amphibolite sheet in above	" "		
P5202	M13	Granite gneiss	Spillway to Quairn Dam, Scot.		
P5203	M14	Calc-silicate in Glenfinnan striped group	N. of Loch Quairn, Scot. 986036		
P5204	M15	Garn-pelite, 'injecting' fold in psammite	above Kinlochhourn Scotland		
P5205	M16	Flattened Lewisian gneiss - Sgura Beag Slide	Kinlochhourn Scotland		
P5206	M17	Semipelite of Glenfinnan div. S of Sgura Beag Slide	" "		
P5207	M18	Pk play augen in Lower Morar Psammite, N of " " "	" "		
P5208	M20	Flattened Lewisian slice in Moine	3km E of Dornie, Scotland		

Catalogue Number	Field Number	Name	Locality	Storage	Remarks
P5209	M21	Lewisian striped amphibolite slice in Moines	3km E of Donie, Scotland.		
P5210	M22	Lewisian slice in flattened Moines	" " "		
P5211	M22A	Diopside marble, on Sgur Beg slide (in Moines)	100m N of road, off gorge in Sgur Beg, Glen Skel Scot.		
P5212		Trondhjemite	Nr. Horin, Trondhjem, Norway	Pet. Lab Teaching	Altkuli feldt. - free granoblastic - olig-qz - bi - musc.
P5213		Garnetiferous banded pelite	Roadside, N of Lough Tay	Teaching	Close to Leintu Granite
P5214	OX34	Spinel - bastite - serpentinite	S. Sliskwood near Dromahair Co Sligo	Pet. Lab	- Teaching - SF
P5215	c1	Garnet - staurolite schist	Gleggan, Connemara	" "	" "
P5216		Biotite schist			
P5217		Augen - gneiss	Portsoy, Banff, Scot.		
P5218		Garnet - pyroxene - plagioclase granulite	End of Sliskwood Gap nr. Ballysodare Co Sligo	Pet. Lab	Teaching - 23 sections.
P5219		Andalusite hornfels -	200m N of Cluny, Ardara pluton, Donegal		20 sections - exam set
P5220		Andalusite hornfels	100m N of Cluny, " " "		22 sections
P5221		Garnet - staurolite - Kyanite schist	Massrock, S L Enniskilly, Ox Mountains		10 good sections - 5 poor ones
P5222		Semipelitic - Glen Head schist	Glencolumbkille, Donegal.		Collected Easter 1975 Field Trip.
P5223		Pink greissenized granite	nr. Beryl locality, Dungloe, Rosses, Donegal		
P5224		Porphyritic microgranodiorite	dyke, Cluny, N of Ardara pluton "		
P5225	52	Semipelitic sillimanite hornfels	Cluny, " " " "		
P5226	54	Pelitic hornfels - fibrolite pseudomorphing andalusite	100m NE " " "		
P5227		Andalusite hornfels (andal → moscov)	100m N.W. Cluny, " " "		
P5228		small orbiculate in microgranite vein in granite	Mullaghbeg, Rosses, Donegal.		see P5073
P5229		Hornblende - chlorite schist	Donegal		From material collected for Open University sections.
P5230		TONALITE	ADAMELLO	Pet. Lab Teaching.	(Classic "Adamello")

P		Description	Locality	Notes
P5231		Fine grained acid tuff overlain by coarse mud flow tuff.	Quarry, Wexloughkeery, Curlew Mtns	
P5232		Fine grained acid vitric tuff with "green band".	" "	Shows "reticulate" red to green. & break up of green band - drying out → mud cracks?
P5233		Grauwackite	Brownwood Quarry, Enniscorthy; lower face	Marginal facies with halteres, phenocrysts clusters in clastic matrix
P5234		Grauwackite	" "	coarse facies, more uniform nucleation
P5235		Grauwackite	" "	alternating & decalcified recrystallization coarse facies near centre of concretion, prolonged heat → mylonitization
P5236	IC1	Holocene Basalt lava	Reykjanes Peninsula, Iceland (Keflavik)	
P5237	IC2	Holocene Pahoehoe lava	" N. of Grindavik, Iceland	
P5238	IC3	Ropy lava from spatter cone in IC2	" "	
P5239	IC5	Labbro xenoliths in Stromboli Con. lava	15 km. NE of Selfoss, Iceland	
P5240	IC6	Tufa with pelleted leaf	Hveragerdi	
P5241	IC7	1973 Lava, E. of new cone	Heimsey, Vestmanna Is., Iceland	
P5242	IC8	1973 Lava near harbour	" "	
P5243	IC9	1973 Bomb from main new cone.	" "	
P5244	IC10	1973 Lava above town	" "	
P5245	IC11	1973 Lava in town, w. plug solution phenomenon	" "	
P5246	IC12	1973 fine Tephra collected at Harbour	" "	
P5247	IC13	Palagonite tuff (Hoburg)	Lauingardalur, Iceland	
P5248	IC14	Palagonite fragments in volc. mud from	Kleifarvatn lake, Reykjanes Pen. Iceland	
P5249	IC15	Palagonite fragments between pillows	" "	
P5250	S1	Craiglockhart Basalt	Whinnings Hill, Arthur's Seat, Edinburgh	
P5251	S2	Markle Basalt	Long O'Leary, Campsie Hills, Stirlingshire (SMU)	Top floor at Long O'Leary
P5252	S3	Non-porph. Mugearite	Long O'Leary, Campsie Hills Stirlingshire (SMU)	Midell " " " "

P5253	S84	Pyroxene altered basalt	Blackie Bridge, Campsie Fells, Stirling	8'
P5254	S85	White trap	" "	
P5255	S86	Gabbro	" "	S7-9 - series of lava flows
P5256	S87	Markle type basalt	Upper Campsie Glen "	
P5257	S88	non-porphyrific olivine	"	
P5258	S89	microphyric basalt	"	
P5259	S810	fine grained dolerite (dyke)	"	
P5260	S811	" " with biotite	"	
P5261	S812	Essexite	Lennoxton, Campsie Fells "	
P5262	S813	Trachyte basalt (intrusion plug)	Dunglass "	
P5263	S814	Olivine dolerite	Braefoot Point, N. Queensferry, Fife	Braefoot Sill, base of sill
P5264	S815	olivine dolerite [Terschoten]	"	lower part of sill
P5265	S816	olivine dolerite "	"	middle "
P5266	S817	microphyric olivine dolerite "	"	cellular upper part "
P5267	S818	pegmatite phase of dolerite "	"	in " "
P5268	S819	fine grained dolerite	Crook's Quarry, Inverkeithing Fife	
P5269	S820	" " with quartz veins	"	
P5270	S821	microphyric vein in dolerite	"	
P5271	S822	Terschoten sill	Gosford Bay, E. Lothian	(fresh olivine)
P5272	S823	White trap - upper margin to sill		
P5273	S824	Trachyte	Shield Hills Quarry, Gairloch Hills, E. Lothian	(sanidine phenocrysts)
P5274	S825	Dunstaffnage type basalt	North Berwick, E. Lothian	flow below Markle

possibly - should be 5275

P 5277	5226	Kulcite. (hornblende basalt)	North Borsari, E. Kottun
P 5280	52827	Dumagie type basalt	Tragrain ham, E. Kottun
P 5281	52828	Phonolite - perite type	" "
P 5282	529	Phonolite (pink with black xenoliths)	" "
P 5283	163	Rhyolite	Wetford
P 5284		Porphyroblastic Older Granite	Zaria, N. Nigeria
P 5285	462	Hornblende-biotite Granite	3rd. W. of Toro. Toro Sheet 146 "
P 5286	697	Quartz-fayalite megacrysts (Bauchi)	Bauchi "
P 5287	469	Olivine basalt (with oligoclase-andesine "phenocrysts")	Gombe
P 5288	470	Olivine basalt	Gombe
P 5289	407	Trachyte	new Filiya
P 5290	408	Trachyte	" Filiya
P 5291	409a	Phonolite	" Filia
P 5292	474	Phonolite	Labar Peak
P 5293	464	Early Rhyolite (in part spherulitic)	Beji Complex (unit 1, here, Sheet 147)
P 5294	682	Early Rhyolite	"
P 5295	684	Early Rhyolite	"
P 5296	465	Quartz-Hedenbergite Porphyry	Ramfan Garamara (unit 3, here, Sheet 147)
P 5297	466	Intrusive Rhyolite	Ramfan Garamara, Beji Complex, (Unit 12, " ")
P 5298	468	Limona syenite porphyry	(Unit 14, here Sheet 147)
P 5299	482	Naraguta quartz-pyroxene-fayalite Porphyry	(Unit 14, Naraguta Sheet 168)
P 5300	652	Riebeckite-biotite granite with vesky biotite	Vigam (Unit 02, Naraguta Sheet 168)

T/S.
Teaching set.

near phonolite margin,
Laccosites vitreus

Shows flow banding and white cracks - now all cleaved
Basement rocks of N. Nigeria "Younger Granite"
Big Anglones.

Cenozoic - 5288 - has spinel inclusions & occasional olivine
Volcanics

"Younger Granite"
Intrusives

SWITE #204 N. NIGERIA

Catalogue number	Field number	Name	Locality	Storage	Remarks
5297	98 99 100	See over page - p 5275-78 not entered, by error. Then numbers do not exist.			
P5301		690 Riebeckite-biotite granite	Amo Complex (Unit b3, Lere Sheet-147)	}	"Younger Granite" N. Nigeria Intrusives
P5302		691 Biotite-hornblende granite	Amo Complex (Unit b4, Lere Sheet-147)		
P5303		797 Shon hornblende-fayalite granite	(Unit M10, Naraguta Sheet-168)		
P5304		Accretionary Lapilli Tuff.	Bomogole Volcanics, Wren Gill, ^{Lake} Kintore Tarkine		
P5305	OK44	Diopside calc-silicate rock	Kilmore Fm, Foxford, Co Mayo		
P5306	5559	Epidote amphibolite	Glenelg, Scotland		
P5307	5550	Blastomylonite - hornblende augen	Glenelg, Scotland.		
P5308	51	Ptygmatic folding in feldspathic gneiss	" "		
P5309	A	Epidosite in calc silicate skarn,	Causway, L. Nagilly, Donegal.		
P5310	B	Pelite (Falcunagh pelite above slide)	Mickie's Hole, Hum Head, Donegal.		
P5311	C	Banded marble (Portnoo marble)	Quarry S. end of Gweedagh Bridge, Donegal.		
P5312	D	Bronzite (loose angular block)	Above serpentinite mound at end of Slieve Wood Gap, Sligo.		Possibly fresh ultramafic from which Slieve Wood serpentinite was derived.
P5313		Sillimanite lumps	200 m W of 1/4 Nord of L. Keel, Donegal.		
P5314	561	Diopside nodule in limestone	350 m NNE Balnoid, Glenelg, Scotland.		
P5315		Vent agglomerate	Up. Grange quarry, nr Holycross, Co Limerick.		
P5316	I1.	Coarse andesite intrusion	Strandbally Cove Co. Wateford	Pet Lab	Locality 1. - Field Guide to the Ordovician Volcanic Rocks of SE. Co. Wateford.
P5317	I2	Dacite intrusion	"	"	"
P5318	I3	Dacitic ash.	"	"	"

Catalogue No.	Field No.	Name	Locality	Storage	Remarks
P. 5319	I4	Dacite intrusive	Stradbally Cove Co. Waterford.	Pet Lab.	Locality 1 Field Guide to the Ordovician Volcanic Rocks of SE. Co. Waterford.
5320	I5	Coarse dacite intrusive	" "	"	"
5321	I5b	Gabbroid centre to I5	" "	"	"
5322	T214	Pillow Lava	Knockmahan "	"	Locality 4 "
5323	T226	"Micro-pillow" top to andesite intrusion	" "	"	Locality 5 "
5324	L1	" " "	" "	"	"
5325	L2	Centre to andesite intrusion	" "	"	"
5326	FC1	Coarse bedded tuff	Foilmaclogh "	"	Locality 8 "
5327	FC2	Microvesicular tuff	" "	"	"
5328	FC3	Intrusive rhyolite	" "	"	"
5329	LC1	Coarse volcaniclastic	Lady's Cove "	"	Locality 10 "
5330	LC2	" "	" "	"	"
5331	LC3	Fine vitric tuff	" "	"	"
5332	RR1	Subaqueous mass-flow tuff (base)	Ronan's Bay "	"	Locality 11 "
5333	RB2	" (10' up)	" "	"	"
5334	RB3	" (30' up)	" "	"	"
5335	76/9/6	Coarse ash-flow tuff	Ballybreunock "	"	Locality 14 " (welded unit below this seen in outcrop)
5336	76/9/7	"	" "	"	"
5337	76/9/4	Coarse lithic ash-flow tuff	Ballymorris "	"	Locality 15 "
5338	76/9/5	Finer "tuffite" top to flow	" "	"	"
5339	76/9/3	Rhyolite containing meta-andesite inclusions	Clasha Beerna "	"	Locality 16 "
5340	76/9/1	Epicrostic volcanic conglomerate	Lillem Castle "	"	Locality 17 "

Catalogue No.	Field No.	Name	Locality	Storage	Remarks
P 5341	76/9/2	Epicrotic Volcanic Conglomerate	Cullen Castle, Co. Waterford	Pet Lab	Locality 17: Field Guide to the Ordovician Volcanic Rocks of SE. Co. Waterford.
5342	76/9/8	Flow-banded rhyolite with lithophysae	Ballycraddock "	"	Locality 20 "
5343	76/9/9	"	" "	"	" "
P 5344	F466	Peridotite Nodule in basalt lava flow	Lanzarote; Canary Islands		
P 5345	F467	"	"		
5346	F468	"	"		
5347	F469	"	"		
5348	F470	"	"		
P 5349	E.	Welded Tuff with fiamme	S. of Greennan Hill Co. Waterford	Pet Lab	Locality 21 Field Guide to the Ordovician Volcanic Rocks of SE. Co. Waterford
P 5350		Carara marble	off-cuts from Ballybrew Quarry	Pet Lab	
P 5351		"Green Pearl Granite" (charnokite)	" " " ? Scandinavian	Pet Lab	
P 5352		"Diamond Black" (olivine gabbro)	" " " Sweden	Exam.	
P 5353		Tourmaline muscovite schist	Ballycorus chimney, Co. Wicklow	Pet Lab	
P 5354		Garnet mica schist	Nr. Cabragh Bridge, Enniscorthy, Co. Sligo		Splendid post-ectonic garnet porphyroblasts.
P 5355		Hornblende - augite + glaucophane turbidite	Dring, Co. Longford		19 sections - Bannocastle Volcanics
P 5356	LD1.	Submarine andesite ? hyaloclastite	Brown Knotts, Derwentwater, Lake District		Altered and brecciated vesicular lava - not true hyaloclastite coarser units
P 5357	LD2	Air-fall tuff	" "		" crystal-lithic-vitric tuff showing thin delicate bedding and massive
P 5358	LD3	Garnet-bearing andesite	SE. of Brown Knotts " "		"
P 5359	LD4	Pelitic lava	Smith's wait, on Thirlmere road S. of Keswick " "		"
P 5360	LD5	Centre to lava flow	" "		"
P 5361	LD6	Dacite lava flow with garnets.	W. side of Thirlmere (stop 14) (207183)		" part of lava sequence of andesite/dacite
P 5362	LD7	Ignimbrite	W. side Thirlmere; S. of Brown Knott.		Base of main acid sequence in Lake District Shows welded foam-welded varieties.

Catalogue No	Field No	Name	Locality	Storage	Remarks
P5363	LD 8	Tuffite - bedded tuff.	Chapel Style Quarry, Langdale; ^{Lake District}		Borrowdale Volcanics slate with good water-laid bedding - grading etc.
P5364	LD 9	Ignimbrite - fine & poor welding	(exotic block) " " "		" " Coarse ash-flow tuff with large facings, moulding shows
P5365	LD 10	Ignimbrite - Eutaxitic	(") " " "		" " Strongly banded eutaxitic welded tuff. excellent fabric.
P5366	11.460 (Prem Carb)	Carbonatite dyke	Premier Mine N.E.D. Pretoria S.A.	PET LAB.	J. Andrews collection
P5367	11.462 (Nat 1)	Basaltic Kimberlite	National Pipe, N.E. of Pretoria		"
P5368	11.470 (Wess 1)	Kimberlite	Wesselton Mine, Kimberley		" Intrusive kimberlite tuff breccia
P5369	11.471 (Wess 2)	Basaltic Kimberlite	Wesselton Mine Kimberley		" Massive fresh kimberlite from same level as P5368.
P5370	11.472 (Wess 3)	Carbonatised Kimberlite	Wesselton Mine Kimberley		" Dyke which pre-dates the diatreme.
P5371	11.476 (Ben JSA)	Kimberlite	Beaufortuin S. Africa		" Sill, (Ref Dawson & Hawthorne 1973. J. Geol. Soc. Lond 129,)
P5372	11.480 (New 1)	Porphyritic Kimberlite	Newlands mine, 100km N.W. Kimberley		" From dump, worked 1889
D 5373	11.482 (Koffy Carb)	Porphyritic Kimberlite	Koffyfontein 60km S. Kimberley		" Dyke cutting Kimberlite Beaufortuin pipe [Ref. Phys. Chem Earth 9 (1975) 689 ff]
P5374	11.483 (Koffy)	Kimberlite Breccia	Koffyfontein " "	DO NOT ALLOW IN CONTACT WITH WATER	" Pipe is 4" largest in S. Africa. Breccia occupies all pipe (365m) ^{chain}
D 5375	11.485 (Klip 1)	Porphyritic Kimberlite	Klipfontein Pipe, Koffyfontein "		" from old open pit on pipe [Ref. P.C.E. 9 p689]
D 5376	11.489 (M-1)	Garnet Peridotite	Beaufortuin floor, Kimberley		" Xenolith from mine dump.
P5377	11.494 (RV-E)	Kyanite Eclogite	Robert Victor Pipe. O.F.S.		" Typical
P5378	11.493 (RV-ecol-1)	Eclogite	" "		" Typical "common" eclogite; gt - opx
P5379	11.487 (JA-1)	Micaceous Kimberlite	Nigerolikasik, S.W. Beaufort		" Dyke cutting Archaean Gneiss [P.C.E. 9. 177] [Eveland, Andrews]
P5380	CEU 72501	Micaceous Kimberlite with nodules	" "		" Nodules of phlogopite peridotite, acid green, basic green. [P.C.E. 9 184] [Andrews, Eveland]
P5381	(JA 71-9)	Kimberlite	Ostvaldgrau, Pyramidenfeld, " S.A.		" Sill in granite gneiss - w. phlogopite nodules. [P.C.E. 9. 44] [Andrews, Eveland]
P5382	M	Xenocryst (pyroxene-ilmenite intergrowth)	Monastery Mine, Orange Free State		" (See reference Whitlock 1973, in herosho Kimberlites,)
P5383	M 2	Kimberlite	" "		" "Quarry type" with phlogopite-peridotite xenoliths.
P5384	M 7	Kimberlite	" "		" with frequent peridotite xenoliths, picroilmenite & carbonated basalt xenoliths

Catalogue No.	Field No.	Name	Locality	Storage	Remarks
P 5385	(M12)	Kimberlite with xenocryst of Cr. diopside	Monastery Mine, O.F.S. S. Africa	Pet Lab	J Anders Collection. ^{to surface in places} Diverse xenocryst. with some kimberlite adhering.
5386	77/9/1	Unwelded (sillar) base of ignimbrite	Greenan Hill, S. of Carrolls Cross Roads, Co. Waterford		From old cut in hill E of Quarry largely fragmented blocks of partly welded acid tuff + flakes of shale
5387	77/9/2	"	"		"
5388	77/9/3	black shale with tongues of acid tuff	"		From Roadstone Quarry Black shale has drop in crystal clasts (feld) + thin tongues of unwelded & partly welded acid tuff - broken up largely
5389	77/9/4	"	"		"
P 5390	0X53	Folded albite schist	Prominent crags N of road, 1 km S. Bally Lough, Co. Sligo		
P 5391	K 27	Glaucophane - lawsonite schist	Kütahya, N.W. Turkey		Presented by Aral Okay, research student at Min-Pet, Cambridge.
P 5392	K 46	Glaucophane -	"		"
P 5393	K 114	Crossite - lawsonite	"		"
P 5394	K 185	Crossite - lawsonite	"		"
P 5395	K 188	White mica - ? jadeite	"		"
P 5396	B	Epidote - glaucophane	Ile de Groix, Brittany		Collected by Adrian Phillips.
P 5397	C	Glaucophane + garnet	"		
P 5398	D	Glaucophane - epidote	"		
P 5399	E	Garnet - epidote - muscovite - glaucophane schist	"		
P 5400		Breccias with muddy matrix	Freshwater Bay, Anglesey		Maers flow deposits described by Bates SRA
P 5401		Pisolithic ironstone	Between Caernarfon, Snowdonia Old mine dumps		SRA
P 5402		Quartz arenite	Sandstone pipes, Trawyn Dwlban, Anglesey	TSx26	SRA
P 5403		Intraformational breccia	Minnaun, North Mayo	TSx19	Dark mud clasts in grey sandstone SRA
P 5404		Limestone breccia	Loughshingy? ...		Large cut slabs
P 5405		Fine grained conglomerate	Ballymaestocker Bay, Donegal		Rich in porphyry clasts SRA
P 5406	E	Intraformational breccia	Hippy Hole, Howth	TSx22	

Catalogue No	Field No.	Name	Locality	Storage	Remarks
P5407		"Pipe-rock" lower Cambrian	Shing Bridge, L. Assynt		Red stained quartzose sst. with white pipes SRG
P5408	E		?	TSx3	Reclassified SRG
P5409	334	Micaceous coarse silt/very fine sand	?	TSx1	" SRG
P5410	5?	Red sst + slate	Finn School Murrisk	TS?	" "
P5411		"	"?	Large slab	" "
P5412		"	"?	"	" "
P5413		Micritic limestone in ORS	Campsie Farm, River Tay (NO 125 328)		Pittendreich lct. horizon SRG
P5414		Red siltstone, poorly sorted	The Den, Kiriemuir (NO 378 673)		^{Crowlin} Edzett Mudstones, Strathmore Group ORS SRG
P5415		Laminated siltrock	Tillywhandland (NO 528 537)		Fish + plant bearing horizons, supposed lacustrine, Anabukott Gp. SRG
P5416		" with sand dyke	" "		" SRG
P5417		Garnet-psammitic gneiss	Slisk Wood, Ox Mts, Sligo		Hand specimens only - in exam collection
P5418		Spilitic	Dunlisk Wells, Welsh Borderlands		Exam set thin sections + hand specimen.
P5419		Pumice-ash flow	" " " "		Hand specimen only.
P5420	L94	Ash in limestone	Lambry?		Exam set thin sections
P5421		Garnet pyroxenite	Rydhaugen, Altklvdal, Norway		" " hand specimens
P5422		Conglomerate - vein qtz + sst clasts	Bunnahon Co. Waterford (dunee) Ballynephle	x4	SRG
P5423		Wavy bedding	N.E. Kerry Head (L. Carb)		From Maurice Curry SRG
P5424		Red sst with blumping	" (Top ORS)		" SRG
P5425		Volcanic mudflow	Latterbrook		SRG
P5426		Taspers	L. Nafosey		Bedded jasper chert SRG
P5427		Banded iron formation	45 miles W. of Mt. Newman, W. Australia		SRG
P5428					SRG

Catalogue Number	Field number	Rock Name	Locality	Storage	Remarks
P5429		Sheared pebbly quartzite	Muckies Hole, Horn Head, Donegal.	Relab.	Extremely flattened pebbles.
P5430		Weathered post-hydrated gabbro	Sill near Muckies Hole		Shows dark amphibolitized centers.
P5431		Heavy mineral band in sandstone			
P5432	210	Albitized megacrystic greywacke	Lynch's farm, Dring Townland, S. L. Gorman Co. Longford.		Petrography published by Sanders & Morris in J. Earth Sci. R. Dubl. Soc. 1, 53-62
P5433	210A	"	"		1978. See also P5355, and underground thesis of Alison Carter
P5434	210B	"	"		1977 for location of samples
P5435	212	"	"		
P5436	213	"	"		
P5437	213A	"	"		
P5438	213B	"	"		
P5439	214	"	"		
P5440	214A	"	"		
P5441	215	"	"		
P5442	218	"	"		
P5443	223	"	"		
P5444	226	"	"		
P5445	219	" + veins with prehnite	"		
P5446	5387	Carbonatite	Plataboria		Calcite contains exsolved dolomite - Donated by Barry Dawson (hand specimen)
P5447		Prehnite veins	Longford Down inter		
P5448		Garnet-pyroxene-plagioclase metabasite	Ox mts (Slisk wood)		Exam collection
P5449		Trenolite gneiss (from xenolith)	Fintona, Donegal.		"
P5450		Immature sst.	North slope Letterkennybally, Letterkenny FN		" 17xTS

Field no.	Name	Locality	Storage	Remarks
5451	Immature sandstone	?	Exam	18xTB No hand sample
P5452	Gedrite cordierite gneiss	New Hampshire, White Mts, Mid Ordov		Dome in Buxton Hills Anticlinorium - see Am. Miner. 56 1971 Robinson et al.
P5453	Metabasalt pillow margin	" " "		Pillow centre - hbl hrt; margin - cummingtonite; seds - gov. hbl-hrt.
P5454	Chicken wire anhydrite	St. Bees evaporites, Seaciff Mine, Whitehaven		SRH
P5455	Glaucophanous schist	Margins of Anglesey, monument, Anglesey.		
P5456	Spilitized porphyritic andesite	Fuerteventura		C.J.S. - field number F394.
P5457	Picrite	"		" " " F323
P5458	Epidote amphibolite	Sandary Bay, Glenelg, NW Scotland		F.S.S. field number S559 - margin to eclogite bed in.
P5459	Epidote amphibolite (blastomylonite)	Holland Arms, Anglesey.		
P5460	A Garnetiferous Unmoon Fm pelite.	Callow Lakes, Foxford	JR/4	Teaching Collection
P5461	18F Stannite schist, Unmoon Fm.	"		
P5462	F222 Semi pelite Lower Lisnoran Fm.	"		
P5463	F130 Semi pelite Upper Lisnoran Fm	"		
P5464	F164 Semi pelite Upper Lisnoran Fm.	"		
P5465	F136B Graphitic schist, Cloonygavan Fm	"		
P5466	F137 Crenulated mylonitic gnt, " "	"		
P5467	F73 " " " "	"		
P5468	F25 Epidote amphibolite (Callow amphibolite)	"		
P5469	Walled Gabbro	Killala Bay		
P5470	Sillimanite schist	Fintona Co Donegal.		Proc by Declan Sheeran.
P5471	Granite	Ballybrew Quarry, Glencullen, Co Wicklow.		As cladding on Arts Block.
P5472	SV4 Olivine basalt	St. Vincente, Cape Verde Islands		CTS.

	Name	Locality	Storage	Remarks
P5473	Kyanite garnet gneiss, OX 23.	S of Union Wood, NE OX 146		
P5474	M80-1 Infraformational conglomerate	N. Clave Island, Capnagewe Fr.	Teaching coll.	
P5475	M78-79 Breccia with volcanic clasts	Deeryentert East, Mayo Burren Fr.	"	
P5476	Chloritic sandstone	Five Mile Bridge, near Killarney	"	
P5477	Red sandstone, Lhandorby.	Ferry School, h. Waforey Mayo	"	
P5478	①	Lansburgh area	"	
P5479	②	"	"	
P5480	③	"	"	
P5481	④	"	"	
P5482	⑤	"	"	
P5483	⑥	"	"	
P5484	⑦	"	"	
P5485	Chlorite schist	1 mi N of M.B. Fault, A9, Scotland.		Teaching set x 18, Pet. Lab
P5486	Mylonite	Moine thrust, Kneecan Crag, Assynt.		" " " "
P5487	Basalt with chill near sill upper margin	Rudh'an Eiseannach Sill, Broadford Skye		Composite sill [see Open University Igneous Case Study; Skye Tertiary Igneous rocks] p. 46
P5488	Basalt near upper sill margin	"		"
P5489	Hybrid Basalt/tektite 1 ft. down sill	"		"
P5490	Tektite centre to sill	"		"
P5491	Peridotite: olivine-rich base & layer	Duntulm Castle Sill, Skye		Rhythmically layered peridotite/picrite sill
P5492	" centre & layer	"		"
P5493	" top & layer	"		" (may not be a true top)
P5494	Bauxite	Near Brignoles, Provence	Teaching	Iron rich, multiple sections

5495	Bauxite	Near Brignoles, Provence	Teaching
5496	Limestone (P1)	Cremers, Provence	"
5497	Limestone (P3)	Ugonies, Evens, Provence	"
5498	Limestone (P4)	Mt. Saune, Provence	"
5499	Limestone (P5)	Corniche des Cotes, ^{Stn La Ciotat} + Casis	"
5500	Sandstone, possibly aeolian	Kilnerry Bay, Dingle	
5501	Agglomerate	Culver Mrs, near Boyle	"
5502	Laminated mudrock	Rixestreet Bay	
5503	Granite	Leckanua Mt., Co. Galway	"
5504	Slate	Benduff Quarry, Cork	"
5505	Schist, Maam	Maam	"
5506	Chalk	Antrim coast	"
5507	Amygdite	Near Lee Bridge, Kerry	"
P5508	Harzburgite xenoliths in basalt.	Mont-Briancon, Le Fay de Dume, France	Exam collection.
P5509	Mylonite	Tomhaggard, Co. Wexford	
P5510	Pyrox. schist	K. Moore Quay	
P5511	Amphibolite	Greenans Tombard, G 164006	
P5512	"	3mi S.W. Porton, Co. Mayo	
P5513	"	Ballyvaughan Quarry	
P5514	Oolitic limestone	Ballyvaughan Quarry	
P5515	Granite	"	
P5516	Qtz diorite	"	

5517	Marble	Ballybrer Quarry
5518	Marble	"
5519?		"
5520	Dolomite	"
5521	Hb-granite	"
5522	Bohian limestone	"
5523	Limestone	"
5524	Muddy limestone	"
5525?	Stalactoidal limestone	"
5526	2 mica granite	"
5527	Pink granite	"
5528	Micaceous silty sandstone	"
5529	Gabbro	"
P5530	Polymict conglomerate	Ballyhast Member (Russell Quarry)
P5531	Granite	unknown
P5532	Porphyritic andesite	"
P5533	Gabbro pegmatite	"
P5534	Shale	"
P5535	Garnet clinopyroxenite	Rødhangen, Hordaland, W. Norway.
P5536	Niebeckite microgranite (84/8/2)	AIKSA CRAIG Ayrshire Scotland
P5537	Nepheline Syenite (F445)	FUERTVENTURA Canary Islands
P5538	Olivine Basalt (Tf 14)	TEVERIFE Canary Islands

5539	Trachybasalt. (Tf20)	TENERIFE Canary Island
P5540	Basalt lava (Palaoahe) (Tf26)	"
5541	Eclogite - phylite trachybasalt (Tf33)	"
P5542	Dolomite	Block in Ballybreen Quarry.
P5543	Hornblende schist	Xenolith in Foxpat Granite, ^{Pontoon} NW shore of L. Conn.
P5544	Mica schist.	unknown locality? Irish Dismal.
P5545	Cardinalite mica schist	Connemara
P5546	Festinite marble	Glenelg (Lochan na Beinn Phadraig)
P5547	Eclogite	"
P5548	Blomingtonite gneiss	"
P5549	Actinolite schist	Achnelvich NW Scotland
P5550	Fine-grained syenite (Tf45)	Vega Rio las Palmas Ring Dyke, Fuerteventura
P5551	Coarse syenite (Tf46)	" Fuerteventura (Canary Is.)
P5552	Alkali gabbro (Tf47)	" "
P5553	Trachyte (F26)	" (Sill.) "
P5554	Carbonatite (F524)	Punta del Nao. Fuerteventura
P5555	Leucoprophyre (F540)	Baranco de los Mozos " (dyke)
P5556	Diopside - block within marble	Glenelg, NW Scotland.
P5557	" " " "	"
P5558	Olivine phylite - vesicular basalt	Tertiary dyke, Quarry, S of Dungle, Dingle.
P5559	Pyroxenite, spineliferous, rhodochrosite	Boulder, Corn Mill strand, Loughbeg.
P5560	Larvikite (Blue Pearl)	Stone Development.

Exam hand specimen minerals.

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This section for teaching set

This section with abundant 2° tremolite - for teaching

Exam set

" "

Teaching - used for apatite - hbl/biot distinction.

P5561	Banded gneiss	Stochel Summit, A9, Scotland	Teaching
P5562	Stannite bishie lumps	Adirondacks? (From J.S. Daly)	
P5563	Loch Hilart Pelite	Glen Phiel, Scotland	Teaching
P5564	S.A.B. KOMATIITE	Loc. unknown ^[Probably W. Australia] _[S. Johnston sample]	Exat Coll.
P5565	Gabbro.	Co. Mayo (John Güven's thesis) ¹⁹⁹³	Teaching