

Catalogue of Lavas
collected by
Mr Robert Mallet F.R.S.

No	Rock	Locality
1.	Lava del paese al piano delle Seneptie	Vesuvius
2.	Trachyte	Stenzelberg, Lukengebirge
3.	Lava 1739.	Vesuvius
4.	Building Stone	Catania
5.	Lava anti-florua	Vallone, Olivella
6.	Lava 1760	Olivina Vesuvius
7.	Lava	Valiano
8.	Lava	Vesuvius
9.	Lava	Lipari
10.	Lava Anti-florua	Groecchia
11.	Lava Anti-florua	St Maria a Caputto
12.	Lenticular Lava	Salma
13.	Lava 1794	Olivana, Vesuvius
14.	Pitstone from Pumice beds in Infa	Astroni Crater
15.	Lava 1839	Vesuvius
16.	Pitstone passing into Pumice	Ischia

No	Rock	Locality
17	Lava	Wassenach bei Laach
18	Porphyrie in Lava	Koblenz
19	Solfatimen aetlos	Stromboli
20	Lava	Hammacher Ldg. Eifel
21	Trachytic Pumice Lava	Ostrand des Laacher See
22	Lave pyroxenique compact	Koblenz
23	" " "	" "
24	Lava poröse Augitlava	Rodder, Eifel bei Bonn
25	Solfo	Nesurum 1861
26	Vulkanische Komtes	Kratz des Laacher See
27	Lava	Monte Rosso
28	Lava	Infra
29	Lava	Infra 64
30	Lave ponceuse trachytine	Ostrand des Laacher See
31	Walle invadi	Vapori 64
32	Pumice altivod	Vulcano 64
33	Walle invadi Cerato	Vapori
34	" " "	"
35	Luteum Lava	Infra
36	Leucite Lava	Highest Point Sakine
37	ancient & decomposing Lava	Hill of Calamona
38	Lava, verschlackter Basalt (Leonhard)	Niedermendig bei Coblenz

No	Rock	Locality
39	Detritus of the Vosges A quartzite with feldspar crystals	Strasbourg 1869
40	Mugual Puddingstones Triptunian Rocks	North of Pezzolo, Sicily 27 th Oct 1864
41	Phreatic Coats in progress of decomposition by Rain & air - perhaps Steam	El Cartagena E. side Lipari 11 th Nov 1864
42	Porous with large xx Augite, small xx Lencite, & occasionally Yellow Olivine	Mt. Somma Dyke
43	Pink & white banded Tufa Beds external W. side Crater or cone of Volcano	8 th Nov 1864
44		Mur de glace E Side 20 Sep. 69.
45	Exterior Crust	Somma Dyke No 19., 21 st Nov '64, Western Face
46	Slaty mass 70 feet above base lacina in plane of dyke - Horizontal transverse plane approximately marked red & vertical line scratched -	Somma No 5 Dyke

No.	Rock	Locality
47	External Crust East Face	Somma Dyke No 5
48	External Crust, West Face, most irregular surface visible externally - Note diminution of minute air bubbles!	Somma Dyke No 5
49	Material of bed B. Middle Bed	Somma Triple Dyke No 11.
50	Showing shattered cross fracturing - these are the smallest pieces - largest 6 to 12 inches across, transverse to Dyke	Col di Calanna 2 to 3 ft. Dyke. 22 nd Oct '84
51	See other labels	To Hill of Calanna 22 nd Oct '84
52	Pisolitic Tufa (so called)	Torre di Raffaels Mt. Somma
53	External Crust	Somma Dyke No 5 West Face.

No	Rock	Locality
54	Very Ancient Lava	Infra-bitter bed S side Val di Bore 22 Oct '64.
55	Ejected fragment, Eruption of 1863	On slope between M. Carlidano + Zaccadi Novi, 15th Oct '64
56	Lava littoral masses (via sololau)	Between Riposto + Macali E slope of Etna 26th Oct '64
57	Silicious Vegetable Moulds	Bagno Lucco, Lipari 1 Nov. '64.
58	Rejected fragments found on the Scoria Shower of 1863 point Bon map	Etna 24th Oct '64.
59	Deep Clay beds under the Lava stream + apparently over the Basalt	near Aci, E slope of Etna, 26th Oct '64
60	Rejected block green Pitchstone exterior, Pumice inside	Base of Lava stream N. of Crater, Volcano, 8 Nov '64.

No	Rock	Locality
61	Very recent rejected block	Crater of Stromboli. 3 Nov '84
62		E Side Crater M. Rosso 13 Oct '84
63	Block rejected, felspathic Lava passing into Pitchstone	Piano di Lenta Vulcano 8 Nov '84
64	Black Pumice Interior of rejected block	Piano di Lenta Vulcano 8 Nov '84
65	Hard Concretions found on surface of actual contact of the tertiary lower beds of the Tufa	Near Carluccio, Val di Noto, 20 Oct '84
66	Large rejected block point n. on map, Interior Crater of	Monte, hills & Cana byline Etna, 24 Oct '84
67	Rejected block	Stromboli. 3 Nov '84
68	Scoria of 1863	Etna 24 Oct '84

Mining

No	Rock	Locality
69	Part of Volcanic Bomb, S.E. side	Crater of Stromboli
70	Rejected block	12" x 9" x 6" - 3 Nov '84 Stromboli, at limit of rejection at N. E. side 2 nd Nov '84
71	Rejected block, Trachyte Lava, reached in Crater & acted on by Fumarole	Piano di Lentini Vulcano 8 Nov '84
72	Lustrous Obsidian, from fumarole	E. side S. Catagua, Lava current, Lipari, 11 th Nov '84
73	Rejected block with moulded pebble,	Stromboli, E. side of Crater 3 Nov '84
74	Lava Nodules in	Lipari ascent to S. Angelo 1 Nov '84
75	Tufa Beds	Tosana N. Catania 16 Oct '84
76	Interior of Lava of 1822 with air cavity	Vesuvius

No	Rock	Locality
77	Fragment of highly scoraceous Lava	from above Torre del greco
78		Dattolo Marelli, W. side 5 Nov '64
79	Pitchstone	Ischia, from near Certosa
80	Tertiary ?	Melara, E. side 13 Nov '64
81	Lava	Panarea, E. side 5 Nov '64
82		M. Rosso, 13 Oct '64
83	Recompactd pebbles,	E. side Il Cartagna, Lipari, 11 Nov '64
84	Ischia, Red Pumice	from Banks near Aguedotto, Cremati-
85	Incipient Fumaroli action on recent Lava (of 1863?) S. E. edge Crater	Mount fibello Etna 24 Oct '64
86	Most recent Lava	Stroncholi, foot of Schiarazza, 4 Nov '64
87	Trachite of Torre d'Annunziata	near to Torre del Greco used at Naples.

No	Rock	Locality
88	Ejected Marcus eruption of 1853.	Mal del More
89	Lava	Panarea, E. side 5 Nov '64
90	Trachite	Highest Beds S.E. of Crater Stromboli 3 rd Nov '64
91	Coraline from the Shore Rock Furian	near Syracuse. 19 Oct '64
92	Ejected Block, the passage of the scoria into the solid lava	Stromboli, 3 Nov '64
93	Lava of Eruption of 1863 showing transition from Lava to light scoria	from $\frac{1}{3}$ height of cone of Mont Sibello Etna 24 Oct '64
94	Porous lava, Trachytic? Ancient? , altered by Fumaroli action	Crater of Vulcano N.W. near base 8 th Nov '64
95	Solfataria action N. of Pyraeum	Stromboli 3 Nov '64

No	Rock	Locality
96	Trachytic Lava fully altered by Fumarole action	Crater of Vulcano near N. W. base 8 Nov '64
97	Scoria, Trachite from	between Mt. Mucata & Pripipata
98	Superficial crusts of Tufa beds	Salina, under vegetable mould, St. flank of Salvatoro 10 Nov '64
99		Monte Rosso
100	Ejected Obsidian Scoria from the slope of (Eruption of 1863)	Etnea, about W. of Tacca di neve 15 Oct '64
101	Reputed block external jacket of Pitchstone covering pumice - removed by rain action	Piano di Lente Vulcano 8 Nov '64
102	Leucite's Dyke AA Interior of Mass	Somma Cross Dyke No 7.
103	Boulder from the Detrital covering mountains between	Muccina & Milano, N. side 29 Oct '64

No	Rock	Locality
104	Lava antifloria	prua alla Cuppa di S. Sebastiano, M. Somma
105	Lava del (1834 or 1850)	Vesuvio
106	" — 1831	prua a Pughano, Vesuvio
107	" — 1810	del piano delle finestre,
108	" — 1804	Vesuvio prua a Torre del freo Vesuvio
109	" — 1818	dall' atrio del Cavallo Vesuvio
110	" — 1857	dall' atrio del Cavallo Vesuvio
111	Compact Basalt under Tertiary spherulitic forms	between Pivole & Agrigento (great table men) Sicily 18th Oct '64
112	Ejected scoria, loose on the slope of Etna, probably subsequent to 1780	near Montecastellaro 15th Oct '64
113	Recompactd Pebbles Like crusts decomposed Obsidian	E. side St. Castagna Lipari " Nov '64

No	Rock	Locality
114	Effects of Fumaroli	Crater of Vulcano 12 Nov '64
115	Altered by Fumaroli	Crater of 8th Nov '64
116	Ejected fragment on slope above Mt. - (Eruption of 1863)	Castellaccia & E. of it about the mark & Watterhouseen Resp Etna 15700ft '64
117	Tufa	
118	Scoria from surface of new Lava at the Gello Pass of Trifoglietta shot from Crater in last eruption 1863 (I think)	Trifoglietta 2200ft '64
119	White Pumice from great beds of fragments above the black & brown	Sclua, near Crenati
120	From Walls at Laced	Sclua -
121	Basalt under & in the Lortearis between Lentini & Syracuse,	Sicily 1800ft '64

No	Rock	Locality
122	Fragments imbedded	E. Side
123	Upper bed of Lava in the Conli' excavations close to + east of	the Casa of the Principi di Sorantine
124	Solfatara action near Luccombe	Oct '64 Stromboli 3 Nov '64
125	Porous Crusts decomposed Oxidized (by steam Fumaroli?)	Central part + E. side Il Cartagna Lipari 11 Nov '64
126	Rejected Block, attitud pyramidal, under Lava stream end.	Piano di Lentia Vulcano 8 Nov '64
127	Pitchstone, Lava Stream	N. of Crater Vulcano, 8 Nov '64
128	Concrete from the floors between the 5 th + 6 th pier -	Mole of Caligula
129	Lava from littoral mapes	in Rotolane between Punta Secca + Marab E. slope of Etnea 26 Oct '64

No	Rock	Locality
130		Faryphone 26 Oct.
131		Achia
132	Incrustations from Raths at the side near the Spruips 5 ft from great floor	
133	Tufa over Basalt	Half way between Lentini & Priolo Sicily 18 Oct '64
134		Crater Monte Ropero East side 13 Oct '64
135	Angite alterate dalle emanazione vulcanica mine	Vesuvius 1861
136	Altered Lava	Vesuvius 1861 Torre del Greco.
137	Embedded Blocks Tufa of Fossana	nr Catania 16 Oct '64
138	Decayed Wood embedded with the shells Castello earthen	Panavia 5 Nov '64

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139	Porous Lava in progress of alteration by fumaroli to black	Crater of Vulcano 8 Nov '84
140		Stromboli
141	Pumice	Scheria
142	Unbedded fragments White Lava	Basigliaro '84
143	Lower of the two beds of Lava exam'd in the Couli' E. close to	Casa di Pini Forastiere Etua 15 Oct '84
144	Action of Sea Water 10ft above tide (smooth water) on loose masses of Lava at E	Cai Castells - E. slope of Etua on the seashore 26 Oct '84
145	Lava from wall of which overflowed & buried some people.	Catandri
146	Scoria of 1863 taken from point Bon Map. moulded form -	below the Cone where about 12 m deep Etua 24 Oct '84
147		Pompei -
148	Fumaroli Action	Mount fib., Etua

No	Rock	Locality
149	Ejected Obsidian Scoria Interior western Lava del 1780 eruption of 1863	Slope E. & near end of X Mark on Wallichstein map - 15 Oct '64
150	Silice crust & recompactd Pebbles - Obsidian decomposition	E. side, El Cartagna Lipari " Nov '64
151	Densest scoria from the shower of 1863	Found on the cone of Etna (3 specimens) 24 Oct '64
152	Superficial Beds of Pitchstone lava with red crusts due to Fumaroli action	All round crater of Vulcanello 8 Nov '64
153	Pitchstone with concretions passing into Obsidian, Lava Stream -	N. of crater Vulkano 8 Nov '64
154	Tertiary - middle beds	Near Carlentini Val di Noto 20 Oct '64
155	Lava acted on by Fumaroli	Bagno Tecco Lipari 1 Nov '64

No	Rock	Locality
156	Advanced Solfatara action - Lava	near Summit of Stromboli 3 Nov '64
157	Lava 200 ft above sea, flat inclined bed.	^{Panagiotis} C. Side, 5 Nov '64
158	Trachyte from summit ridge	Stromboli, near the active crater to S.E. 3 Nov '64
159	Lava del 1631	fuora nella Mafesia della S. Grazia di Paola Vesuvio.
160	Obsidian Bands	Bagno Lecco Lipari 1 Nov '64
161	Lava di Licisti	contrata di nella Catania
162	Felepathic Lava from the very crest & crater of the great obsidian Lava stream	Il Cartagna Lipari 11 Nov '64
163	Fumaroli action on (Felepathic?) Lava, Crystal of Mn. & Beryl	Crater of Vulcano C. Side 8 Nov '64

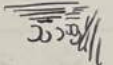
No	Rock	Locality
164	Partly decomposed Lava with Hyaline Quartz	Bagno Seco Lipari 1 Nov '64
165	Rejected Block - Pitchstone exterior to Pumice Ball Lava	N. of crater Vulcano 8 Nov '64
166	Int - y	Melazzo, E. side 13 Nov '64
167	Leucitic Lava <u>Vertical</u> Dyke	near Caneto hay Lipari 11 Nov '64
168	Lava	Panarea 5/Nov/64
169	Porous crust result of decomposition of Obsidian (Steam fumaroli?)	Central part Solfatara Lipari 11 Nov '64
170	Pitchstone, Lava stream	N. of Crater Vulcano 8 Nov '64
171	Trachite	Neighbourhood Solfatara
172	Veins in Tufa	near Bagno Seco? Lipari 1 Nov '64
173	Tufa Fosana	N. Catania 16 Oct '64

No	Rock	Locality
174	Tufa from slope of interior precipice of	Tripoglietta near where we got out of the Val del Bone from beds above as horizontal - 22 Oct '64
175	Thin Tufa Bed 2 in. ancient lava about, traced $\frac{1}{2}$ a mile	level of Mt. Castellana Etua, 15 Oct '64
176	Trachyte acted on by fumarolic action	S.E. flank of crater Stromboli 3 Nov '64
177	Siliceous Wood	Bandarero, 4 Nov '64
178		Bagno Secco Lipari 1 Nov '64.
179	Tufa Beds - (thin 6 inches - thick intercalated)	Bandarero 4 Nov '64
180		Fasano, 3 miles from Catania rd to Nicolosi 13 Oct '64
181	Iridescent Obsidian Lava Current -	E. side St. Cartagna Lipari 21 Nov '64
182		S. flank of Silvestri Salina near base Nov '64

No	Rock	Locality
183		Dattolo W. side March 5 Nov '64
184	(Hyaline) Siliceous Crusts	Bagno Secco, Lipari 1 Nov '64
185	Lava	Lipari Nov '64
186	Trachyte	N. Summit Stromboli 3 Nov '64
187	Concretion from 10 ft. bed Zurruano	between Paolo & Syracuse 18 Oct '64
188	Lava antiplovia	punta del Gallone dell' Olivella M. Somma
189	Lava del 1822	del piano delle finestre verso la Croce del Salvatore Vesuvio.
190	Incrustation	Pont du jard.
191		S.E. flank Salvatore, Sakia, 1/4 way up, from above Lingua 10 Nov '64
192	Red Porphyritic Lava	between St. Angelo & Bagno Secco, Lipari 1 Nov '64

No	Rock	Locality
193	Fumarolic action on Tephritic? Lava Manganese Klat?	Crater of Vulcano 8 Nov '64
194	Pumiceous Tufa with Augite, mica fragments of a leucitic rock	Portici M. Somma
195	Tufa	Bagno Lecco, Lipari 1 Nov '64
196	Rejected Blocks, Compact lava	S. side Vesuvius.
197		Near Naples
198	Siliceous Concretion	Bagno Lecco, Lipari 1 Nov '64
199	Tertiary Bed, Soft with hard Calcareous bedded concretions	between Prolo & Syracuse 18 Oct '64
200	Blue Vesuvian Limestone see Jameson's Mineralogy Napoli regittati	M. Somma.
201	Lava	Lipari, ascent to St Angelo 1 Nov '64

No	Rock	Locality
202	Dense leucitic lava from Central Concl' of great stream	SW. side Salina above Aranal 10 Nov '64
203	Fumaroli action on Trachyte	Ichnia, near Lacco Olide
204	Tertiaries	between Lentini & Agrigento 18 Oct '64
205	Lava	Lipari to St Angelo arient 1 Nov '64
206	Sulphur - Solfataras action	Stromboli, near top 3 Nov '64
207	Crystalline Crusts, fumaroli action on Pitchstone	Crater of Vulcano 8 Nov '64
208	Oberidian	Ragno Secco, intercalated on the crater cliff face of the crater above Hot spring Lipari Nov '64
209	Black Pumice Beds Telespar Crystals	Ichnia, near Crimati.

No	Rock	Locality
210	Lava or Obsidian acted on by fumaroli	Bagno Vecco, Lipari 1 Nov '64
211	Recciated Tufa with Mica	M. Lomina
212	Embedded fragments in white lava	of Basaluro Nov '64
213	From a ^{stratified} Lenticular Lava Clearage, developed by the internal motion of squeezing out 	From SW. shore cliffs of Salina between M. Canal & Lunga - 10 Nov '64
214	Lava autiflora (angitua)	Lago di Pollena M. Lomina
215		Monte Raso 13 Oct '64
216	vide 213.	
217	Striped lava, identical with that of Basaluro etc.	Lipari 1 Nov '64
218		Syracuse Coast or near Lentini?

No	Rock	Locality
219	Rejected Block Pitchstone	End of Lava stream N. of crater Piano di Lenta Vulcano. 8/1/64.
220	Rejected Block	Crater Stromboli, 3/11/64.
221		Lipari
222	Lava del 1881	presso Le Ronche Vesuvio
223	Shell of decomposed Lencite Lava Cliffs (by rain etc)	Between Arenal & Laguna near latter Salina. 10/11/64.
224	Lava Antiflorina	presso al Rivo Cupo de Zuglia, M. Sanuma
225	Tufa de Sanuma	near Canal della Orena
226	Red Tufa	from Roccatane M. Sanuma
227	Trachyte Block rejected with pebbles fused in -	Below ascent Crater to S.E. Stromboli -
228	Lava del 1860	presso nel Rivo di Zuglia Vesuvio -
229	Isolated blocks on corner Reddish Lencite Lava with embedded pebble	Highest point of St. Salvatore Salina - 10/11/64 -

No	Rock	Locality
230	Lava del 1751	Punta a Hopponale. Muroio.
231	Lava del 1767	Punta alla Capella di S. Vito - Muroio.
232	Grey pumice.	near Ragno lecco Lipari, 1/11/64.
233	Yellow tufa with mica & augite	M. Somma -
234	Panarea - Shells from raised	Sea margin E. side Panarea, 130 to 140 ft over sea - 5/11/64 -
235	Pitchstone with concretions passing into Obsidian	End of lava stream N. of Crater, Vulcano 8/11/64
236	Leucitic Lava Cliffs	between M. Branal & Lingua, Salina 14/10/64.
237	Upper Crust of Neptuni Securis -	base of St. Andrea, Sicily 27/10/64.
238	Lava passing into Pumice & Obsidian.	Lipari, near Torre - 1/11/64
239	Older Lava?	Catania 22/10/64

No	Rock	Locality
240	Pitstone fracturing into concentric ellipsoids Lava stream,	N. of Crater, Vulcano 8/11/64.
241	Lava Antiflora	Pusa nel Rio Cupo di Traghio M. Lomina.
242	Clay from the Sub. Appennine Marls	Ascent of Epomea, N.E. side - Ischia.
243	Trachyte	M. Vitto - Ischia.
244	Embedded pebbles of very ancient hard Subvitic Lava	From interior of vertical Dyke near Caneto Bay Lipari - 11/11/64.
245	Trachyte Lava	S.E. side of Crater, Stromboli 3/11/64.
246	Fossil Bone ?	Beach 1/2 mile N. of Syracuse under Terhau - 19/10/64 - Sicily ?
247		
248	Modulus in Lava	Lipari ascent to St. Angelo 1/11/64 -
249	Siliceous Concretions	Lipari, Ragno Secco 1/11/64.
250		Sahna
251	Massive Gypsum ?	great beds N. side hills, Meonina to Melazzo - widely diffused 29/10/64.

No	Rock	Locality
252	Lava del 1810	Presa al lago detto Terone, Vesuvio.
253	Basalt	Sicily -
254	Barulurre	4/11/84.
255	Lava of 1863 showing incipient fumaroli action	Crater of Montipello within $\frac{1}{4}$ the edge S.E. side Etna 24/10/84
256	Silicious Vegetable mass	Ragno secco, Lipari 1/11/84.
257	Pitchstone fractured in concentric ellipsoids	Lava stream of N. of Crater Vulcano 8/11/84
258	Most recent lava	Stromboli foot of Scharazza 4/11/84 -
259		S.E. flank Salvatore, Sakua above Laguna about 1000 ft. 7/11/84
260	Lower end of surface of Lava of 1861	above Portici, Vesuvius 18/11/84.
261	Brown Pumice with Felspar Crystals	near Cremati - Ischia
262	Silicious crust, decomposed Obsidian	E. side S. Cartogna, Lipari 19/11/84

No	Rock	Locality
263	Lava of 1848	Stris del Cavallo, Vesuvio
264	Lava antifloria partly x x di Augite mica etc.?	Camaldoli della Torre M. Somma.
265	Dense crust in loose Lava Lipari	Lipari to St Angelo Ascent - 1/11/64.
266	Avery compact dyke - Horizontal beds above identical in appearance	Principio of Trifogliotta 22/10/64.
267	Porous homogeneous Lava with mica	Torre facciata M. Somma.
268	Lava antifloria mica	Da St. Maria Castello M. Somma.
269	Lava antifloria con Augite leucite ed olivina	Dal Vallone dell'Olivella M. Somma
270		Vesuvius?
271	Lava showing exterior conness & interior concave crust.	Vesuvius
272	Block	Stromboli
273	Rejected Block, hardened Trachyte.	Crater of Vulcano, Rano di Lentini 8/11/64.

No	Rock	Locality
274		Schia
275	From very compact laminated rock	Trifogliata, great dyke.
276	Decomposing basalt in orbicular forms great table map	Between Lentini & Syracuse, Sicily 18/10/64.
277	Rejected Block, with included fragments	Crater Vulcano, Piano di Lentini 8/11/64.
278	Rejected Block	Between crater of Monte Iphello & Casa Ingles point <u>n</u> on map. 24/10/64.
279	great Lava of 1643 showing the crystalline lining of large cavities	Catania 22/10/64.
280	Trachytic	Schia
281	Basalt under the calcareous Tertiary Rocks	Between Lentini & Syracuse, Sicily 18/10/64
282	From rejected block, stratified porphyritic portion	Between crater of Monte Iphello & Casa Ingles, point <u>n</u> on map 24/10/64

No	Rock	Locality
283	Partly decomposed.	Malluta
284	Very ancient lava	From Trifogliata, Val del Leone, 22/10/64.
285	Ejected block, Pitchstone with included concretions	Piano di Lentia, Vulcano. 8/11/64.
286	Ejected fragment loose on the slope	E. shore La Sciaccia Etna 15/10/64.
287	Compact Lava with glassy tephra & hornblende. Note the long axes of the crystals & nearly all in one direction -	Etna, got at Macerina 11/10/64.
288		Monte Rosso 13/10/64.
289	Trufa, thick beds.	Mt. Tassano 3 miles from Catania road to Muroli 13/10/64.
290	Lava great beds of	Shore Trufa of Tassano nr Catania 16/10/64.
291	Trachite from summit Loose blocks	Monte Trappiti - Schià -
292		Sched -

No	Rock	Locality
293	Lava del 1855	Da S. Sebastiano, Vesuvius -
294	Rejected Blocks, Compact lava -	S. side Vesuvius
295	Dattolo - Base of rock	Dattolo 5/11/64.
296	From the same block of Lava a gross amygdaloid of grey & brown	Near Miccoli, towards M. Rapa 13/10/64.
297	Basalt under the Calcareum Fortium with analcimes.	From the great tableman between Proco & Agracene, Sicily 18/10/64.
298	Basalt with analcimes	Under Pertusinus between Lentini & Magara, Sicily 18/10/64.
299	Pitchstone, rejected block - end of lava stream,	N. of crater, Piana di Lentini, Vulcano - 8/11/64
300	Large rejected block	Flank of Montanvola in line to Monte Vittori? point on map. Etna. 24/10/64

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301		Monte Raso 13/10/64.
302	Rejected fragment found on the volcano sand	on back of Fontana Etnea.
303	Ejected fragments loose on slope	E. side & near level of Scaccia, 15/10/64.
304	Earthy exterior of lava of 1822	Vicuvius 18/11/64.
305	Rejected block	Crater of Montefibello & Cusa Ingles point n. on map. stratified 24/10/64.
306	Great Lava (Trachyte) showing that the long axes of ^{crystals are in line of least} pressure i.e. that of flow	of Catania 16/9/64. 22/10/64
307	Striped Lava. (This is identical with the banded beds of Panarea Basilurro & Dattolo etc)	Lipari ascent to St. Angelo near Lipari town - 1/11/64.
308	Basalt &	St. Trophone
309	Lava	Lipari, ascent to St. Angelo 1/11/64.

No	Rock	Locality
310	Correct Tufa (over basalt) with Lapilli?	St. Baraghona, Sicily 26/10/64.
311	Lava passing into Obsidian	Plane of St. Angelo. Lipari 1/11/64
312		Dattolo ^{Rough} Side, 5/11/64.
313		" - Beach W. Side 5/11/64.
314	Pitchstone, rejected block, nr lava stream	N. of Crater, Pinn di Lentia e Vulcano.
315	Mole of Caligula 6" Pici in bedded interior for over water -	
316	Rejected fragments found in the scoria shower of 1863	Between base of cone + casa inglese, Etna 24/10/64.
317	Lava del 1631?	lago delle scaglie presso Portici - Vacuvis?
318	Detached blocks great bed lava above Tufa	Josano near Catania 16/10/64.
319	From great decomposed Panaria beds.	
320	Rejected block between craters	M. Gibello + casa inglese, point n. on map - Stratford 24/10/64.

No	Rock	Locality
321	Lava del 1631?	luogo detto <i>Gravina pupa</i> <i>Portici</i> , <i>Vesuvio</i> ?
322	From north or bottom side of decomposed blocks from Vertical dyke, <i>Lencitis</i> Lava on cliffs	Shore between <i>St. Maria</i> + <i>Lingua</i> , <i>Salina</i> - 10/11/64.
323	Lava near the shore	<i>Panaria</i> E side above the <i>felafathic</i> - 5/11/64.
324	Lava	<i>Panaria</i> E side
325	Bed of red scoria under massive <i>Lencitis</i> lava cliffs next <i>Lingua</i> between it + <i>Aranal</i>	<i>Salina</i> 10/11/64.
326		East Beach of <i>St. Salvatore</i> above <i>Lingua</i> , <i>Salina</i> 10/11/64
327	Rejected block between	- + <i>Cana</i> <i>dry</i> line.
328		<i>Vulcano</i> -
329	Lava del 1848.	<i>puna</i> <i>pupia</i> il <i>cono</i> <i>contut</i> <i>Vesuvio</i> .
330	Rejected block	<i>St. Maria</i> .

No	Rock	Locality
331	Trachyte	Ischia
332	Tufa over Basalt with analcime	St. Trapani July 26/10/64
333	Lava	Panarea 15/11/64.
334	Lava	Lipari to St. Angelo Ascent 1/11/64
335	Grey Green Pitchstone under lava on Rano di Lentini	Vulcano North of Crater 8/11/64.
336	Highest point of St. Salvatore 1 of Calina	Isolated Rocks 10/11/64.
337	Silicious concretions	Bayus Secco, Lipari 1/11/64.
338	Rejected fragments from the cone of	Monte Fibello, $\frac{1}{3}$ up on Scoria of 1863, Etna 24/10/64 -
339		Etna
340	Trachyte	W. summit of Stromboli. 3/11/64 -
341	Basalt	4/11/64 -

No	Rock	Locality
342	Lava del 1818.	(Rocca del Trappeto cono Contut /), Vesuvio -
343	Angular Block Compact Lava.	
344	Embedded Blocks Tufa of Fasana	nr. Catania 16/10/64.
345	Dattolo, base of Rock	5/11/64
346	Ancient Lava beds	Trifoglietta peninsula, great developing of Lencate 22/10/64.
347	Ancient Lava	Stromboli Nov. 64.
348	Basalt	St. Zaraghiore, Sicily -
349	Pitchstone Lava - illustrates the fact that the directions of internal motions are indicated by the air bubbles in both planes	Vulcano, 8/11/64.
350	Obsidian bands intercalated with Tufa beds on face of cliffs	Bagno Secco, Lipari 1/11/64

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No	Rock	Locality
351	Dolomite boulder(?)	Sochia, near Lacco harbour
352	Perillasia xx nel colore magnesefero Mape rigettati +	M. Somma
353	Magomite amolare nel leucitopso Mape rigettati	M. Somma
354	Lava stream of 1861	Above interior of St. end Portici, Vesuvius
355	Balamus, Mole of Caligula	St. Peci
356	Guarinite xx con Ortopa Anfibolo xx Mape rigettati +	M. Somma
357	Trachyte from beds vergnancient Stromboli Crater to St.	3 nov '64
358	Fluorite xx (ottocadro bianco) in una ammasso di ortoclasia	Mape rigettati + M. Somma
359	Super Sappentine	W. End of Charnoung '69
360	Naugna xx con spinello nero in una ammasso di mica	Propene et Massi rigettati + M. Somma
361	Dauphine' ?	Sept. '69.
362	Indurated limestone	Dauphine' Sept. '69.
363	Quartz	Cenis Tunnel 14 Sept '69
364	Lava del 1631 con sodalite, nella fonditura	prima alla Scala Vesuvio.
365	Lava with Pitchstone	S. side Vesuvius.
366	Daugna (large crystal)	Mape rigettati + M. Somma
367	Orthoclase e Nepelina Crystals con Anfibolo	In un ammasso di ortoclasia e Peripine Mape rigettati + M. Somma

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No	Rock	Locality
368	S.E. flank of St Salvatore above Lingua, Salina	Bay 500 ft above sea 10 Nov '64
369	Humboldtite ?	in ammasso di Pirapene conica, Mapi Rjett: M. Pommua
370		Cerro Zucchi, Alpi 14 Sept. '69
371	From a large nodular concretion between 24 & 23 miles stones, Tertiary, Cerro A. Bone Land	Near Caricini, Val di Noto
372	Humbite con Calcite	Mapi Rjett: nelle eruzioni Antiflorche M. Pommua
373	Aragonite xx con Aufstolore	in una ammasso di conchiglie Mapi Rjett: M. Pommua
374	Lapis Lazuli	nel calcare magnesifero Mapi Rjett: M. Pommua
375	Quartzite xx	in una ammasso di pirapene e mica Mapi Rjett. M. Pommua
376	The Bone end bed near above the upper Coal beds A. P. P. Compagnie without organic remains	Custrop. Westphalia

Remained to Mineral Collection

No	Rock	Locality
377	Mergel (marl) above Chlorite ?	Coal measures Cartop, Westphalia, 1869.
378		Grims Tunnal Alps, --
379	Magnetite x x Propene giallo x x con ortoclasia Amphibolo mica	map: Rjett: nelle eruzioni antefloride M. Somma.
380	Magnetite con mica cristallizzata etc	Map: Rjett: M. Somma.
381	Limestone from blocks fallen from summits	Lahn Datalachen & Lauterbach 25 Sept. '89.
382	Limestone from asphalt bed, too dense to be much impregnated	Pyremonk 22 Sept 89
383	Diorite, ? Altus granite, ?	between Clermont & Mass C. Dore (Road side) 7 Sept. '89
384	Boulder Detritus Hills between Mennin & Miland	N & S sides 27 Oct 89
385	Anaginite x x nell'ammidoide basaltica,	Map: Rjett: M. Somma
386	Idocrase e. Refelezia cristalli nel calcare magnesifero	Map: Rjett: nelle eruzioni antefloride M. Somma

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No	Rock	Locality
387	Part of a decomposing dyke vertical cross fractures & bubbles	near top of dike of Calanna 22/100/64
388	Lauric Jura Limestone	under Asphalte Pyrmont 22/Sept '67
389	Perclasia x x nel calcare magnosifero	Map: Rjett: M. Somma.
390	Saxidina	Map: Rjett: M. Somma
391	Nat Asphalte Halcauon Vini	Pyrmont 22 Sept '67
392	Wollastonite !	Map: Rjett: M. Somma
393	Idocrasia x x in un ammasso di Propene muri etc	Map: Rjett: M. Somma
394	Idocrasia cristall. con Kiefelin x x nel calcare magnosifero	Map: Rjett: nelle eruzioni antiflonche M. Somma
395	Spens (Saxidina) x x (cristallini gralle)	In un amasso d'ortofa, Amfibolo, Kiefelin etc, Map: Rjett: M. Somma
396	Granato x x con Idocrasia, Vini, Calcite, Ortofa ?	Map: Rjett: Monte Somma

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No	Rock	Locality
397	Deblais heap	Mont Cenis Tunnel 14/9/69
398	Rich lead skin	Pontgibaud 3 sept 69
399	Telepar crystals from decomposed	Bain le Dore 7/9/69.
400	Volcanic Lapilli ^{grains}	Banks between Clermont near Randanville, 7/9/69 -
401	Domite ? Tufa ? from beds N. side	of Pay de Dore within 900 feet of top 2 sep. 69
402	Lignite x x	M. Somma
403	Pirofene dalla lava del 1794	Torre del freo
404	Pirofene x x in un ammasso di pirofene e ortoclasia ?	Macci Riptt. : M. Somma
405	Lapis Lazuli nel calcare granellato magnosifero	Macci Riptt. : M. Somma
406	Sarcolite x x (rare) in un ammasso di pirofene, mica etc.	Macci Riptt. : M. Somma
407	Pirofene (Verde) x x e mica x x	Macci Riptt. : M. Somma
408	Calcare magnosifero	— " —
409	Meionite x x nel calcare magnosifero	— " —
410	Devynax x x e gra nato x x	Macci Riptt. : vide invigioni antiche M. Somma

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No	Rock	Locality
411	Hornblenda con mica	Massei Rigg. nelle eruzioni antefloriche M. Somma.
412	Humboldtite xx in una Eoni amphibolite	Massei Rigg. M. Somma
413	Thomsonite xx nell' amandulorite basaltica	— " —
414	ferromondite xx in una amandulorite basaltica	— " —
415	Quartzite xx con Piroxene	— " —
416	Idocrasia xx in una Ammonite di piroxene e mica, con calcite	— " —
417	granato xx Hornblenda xx con Piroxene (verde) mica e calcite	— " —
418	Wollastonite nel granato	— " —
419	Olivine	M. Somma
420	Hauynite con Mica Anorthite	Massei Rigg. M. Somma
421	green marl bed above Asphalt	Pymont 22/9/69
422	Humboldtite xx in una Ammonite di piroxene e calcite	Massei Rigg. Monte Somma
423	Jura Limestone near Ridge	Phone 22/9/69

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No	Rock	Locality
424	Crione x x (violetto) e otoclarina in una ammasso di otoclarina etc.	Marsi Rigit: M. Somma
425	Mica x x ! con Humite x x in una ammasso di proserene mica etc.	— " —
426	Proserene x x in un ammasso di proserene e mica	— " —
427	Sarcolite x x (rara) e mica in una roccia proserena	— " —
428	Basalt with Analcima ?	St. Fagnone Sicily
429	nat Asphalt	Pyzmork 22/9/69.
430	Humite x x e Spinello x x	Marsi Rigit: M. Somma
431	Hard Schale over sand Coal beds, some mica ?	Castrop, Westphalia. 1869.
432		Alcuni Tunnel, Alps 14/9/69
433	Spino (Simulna) x x e refelina x x in una ammasso de refelina, mica etc.	Marsi Rigit: M. Somma
434	Quartz	Alcuni Tunnel, Alps

No	Rock	Locality
435		Valley of Moselle between Buncastel + Metz 1/9/66
436	Bloc rhyte' porous lava, about 800 ft above the Barajne	Puy de Dome 2/9/69
437	Tertiary Limestone used for flint at Pontgibaud works	3/9/69
438	Lava containing fragments of granite	from brow of the Corle' above Volvic 3/9/69
439	Lava from quarries of the great Corle' going down to Volvic middle of length.	3/9/69
440	Lava got roadside between Clermont & Bani le Dore near the latter	7/9/69.
441	Tufa of Neuvins melted in a furnace from Prof. Freycardi	17/11/64
442	Diorite? roadside ^{near the} between Puy de Vache between Clermont & Bani le Dore, Saragane	7/9/69
443	Bloc rhyte' long roachd Trachyte	Puy de dome N. side about 1000 ft. under summit
444	Sulphur etc brought from lean (guide)	Bani le dore 7/9/69
445	Domite? or hard Tufa? from interior of mass of Puy de Saragane or Chaudron used for making battle-plates in the plain below	4/9/69

No	Rock	Locality
446	near the Aubergne, near Raudanne	Auvergne 7/9/69
447	Rocks at entrance to the gorge of Mont Dore	Roche Bonadieu Auvergne 7/9/69
448	Trachyte? near the Puy de Vache between Clermont & Mont Dore	7/9/69
449	Rocks at entrance to valley of the Mont Dore, Roche Bonadieu	Auvergne 7/9/69
450	granite 'Altre' between Clermont & Bain de Dore - on road	7/9/69
451	At the Aubergne near Raudanne between Clermont & Mont Dore, Auvergne	7/9/69
452	Leucite x x uel leucitifer Massif Rigitati & M. Somma	
453	Altered granite between Clermont & Bain de Dore	Road side, near Puy de Vache, 7/9/69
454	Bloc repete' about 500 ft under summit Puy de Dore	2/9/69
455	Boulder detrital covering Hills Mercina to Milazzo	29/10/64 S. side
456	Domite? or hard Tufa from Puy de Pargue or de Chodon	4/9/69
457	Boulder detrital covering Mountains Mercina to Milazzo	N. side 29/10/64
458	do	do Sept. del. 29/10/64
459	Basalt from beds beside the road from Clermont	to near La Marazze - Puy de Dore 2/9/69
460	Mass of Basaltic matter at entrance off gorge of Mont Dore	Roche de Lonsdoin

No	Rock	Locality
461	Pitchstone	got of Jean, guide at Banni le Dore Auvugne 7/9/69
462	Calcareous crusts	veins in the Basalt, near Carleutini Val de Noto, 20/10/64
463	Lunz	Milano Etide 13/11/64
464	Lava scoria	from Colle' above Volvic Auvugne 3/9/69
465	Donuts? (so called)	Puy de Dome - E side 900 ft. above the wood Auvugne 2/9/69
466	Donuts	Puy de dome - 400 ft under Summit N.E. side 2/9/69
467	Silicious Concrete	Bagno Lecco 1/11/64.
468	At the Auberge, near Randanne between Clermont & Mont Dore	Auvugne 7/9/69.
469	Trachyte & granite Contact	between Clermont & Banni le Dore 7/9/69
470	Opal porcellaneous or green petto- stone	bought from Jean (guide) at Banni le Dore. 7/9/69.
471	Silicious Crust decomposed obsidian	E. side St. Castagne, Lava stream Lipari, 11/11/64.
472	Rhone River Debonchere into Lac Lemnan	17/9/69
473	Sulfare crater Verucius -	

No	Rock	Locality
474	Walls inside crater, Vulcano, acted on by vapors	12/11/64
475	Detritus of the Vapors, Strachey 1869 - Household quantity with mica -	
476	Yellow Tufa from so called Domite beds about 700 ft from summit at N. side	Puy de dome.
477	Obsidian, surface crusts	formed as the mass moved E. i.e. El Cantupua, Lipari 9/11/64
478	Altered granite, road side	between Clermont & Bain le Dore. Aureyna 7/9/69.
479	Very white beds Tertiary rocks	between Sentini & Augusta 18/10/64.
480	Lava with white Crystals?	horiz of the Conde above Volvic 3/9/69
481	Lava Phonolite from quarries in great Conde gorge down to Volvic	3/9/69
482	Tufa or Lava acted on by Fumaroli - Copper or Chl. Iron? coloring	Bayno secco, Lipari 1/11/64
483	Porous Trachyte lava from beds between Montani & Clermont	Puy de dome. 2/9/69
484		Bayno secco, Lipari.

Removal to Mineral Collection

No	Rock	Locality
485	Annage Rock	Mont Ami Tunnel 14/9/69
486	At the Auberge M ^r Randaune Ameyne Baraltic?	7/9/69.
487	Tufa with surface crusts due to rain action? or Roasting?	N.W. flank crater of Vulcano near base - 8/11/64.
488	+	Berne
489	few gypsum beds	between Messina & Milano 2 miles from Piana M. Side, used for cement 9/10/64.
490	Tertiary Beds at town of Lentini,	Sicily 18/10/64.
491	Boulder from pool	Mole of Caligula.
492	Mole of Caligula Mammie remains all from Cantic or Crammies on b ^o p ^{er} is.	
493	Amaltia a Rancia	Vicenza 1861 8 Dec. Bouch a Torre del fuoco.
494		Monte Rosso N.E. side crater near the top.
495	Ischia, Marl near the top of Mt. Thomea	
496	Bed Saltmaria incrustation in reservoir	19/9/69.

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No	Rock	Locality
497	Dyke porous, with large xx of augite, small xx of biotite occasionally yellow xx of Olivine -	M. Somma
498	Walls inside crater	Vulcano, acted on by vapors 12/11/64.
499	Roman Aqueduct inscription, Point du fort	
500	Mole of Calipula for Pieri Phalar	
501	Sulphur, Solfatara action	Near summit Stromboli 3/11/64
502	Mole of Calipula, shell loose in cavity top of 64 pier	
503		Monte Rosso, Crater Crater NE side
504	Orthoclase, K-feldspar, Hornblende xx - con quarzite & (quartz) (x-pyralite) - e mica etc	Marsi Regitati & M. Somma
505	Tertiary beds between	Lentini & Agrigento 10/10/64
506	Sodalite xx with Orthoclase	Marsi Reg: M. Somma
507	Balanus from cavity in top of 64 pier	Mole of Calipula
508		Althe Archege near Randano, Agrigento 7/9/64

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No	Rock	Locality
509	Iron Alum. & Fumaroli	Napno lecco, Lefuni, 1/10/64
510	Alpine gypsum	Monte Lugemma 1869
511	Lava acted on by Solfatarana action	Stromboli 3/11/64
512	Fer. Oligite from Pumice	
513	Chloride of Copper &c	Eside crater Monte Rosso 13/10/64
514	Volcanic sand, sea shore of	Torre del preo
515	Pink Tufa beds mureo	N. E. flank Cone of Vulcano 8/11/64.
516	Tufa	Chiffs above La Stazza. N. of Scirapis -
517	Buccinated tufa from	Sta Maria a castello, M. Somma
518	Volcanic sand, slopes to the S.W. of base of Monte Rosso	13/10/64.
519	Baltolo - crusts due to rain & spring base of rock	5/11/64.
520	Tufa near Canale della Arena	M. Porcine
521	Nodules from Tertiary beds	Syracuse
522	Dolgrau cono-ramolla a Ruma	Vesuvio 1861 26 dec.
523	Behn, sand from water milled on Monte Brucca between Mt. Vetta & M. Garofoli	
524	Volcanic sand. Tufa?	South eastern slope of Trifoglio della precipice on path of return to Zaffarana 24/10/64

No	Rock	Locality
525	Orbicular Tufa	Pompei near the Amphitheatre
526	Tufa	near Canale della Arena, M. Somma
527	Obsidian	E. side Il Cantagno, lava stream, first stage of decomposition by rain & air 11/11/64.
528	Dust of the Tenebris matter between upper & lower bed of lava in Condi	Cine to Casa di principe Foranthe (Mules baiting place) 15/10/64
529	Mud Arsenoi in Chamouny	21/9/69 -
530		M. Rosso 17 Oct. 69
531	White Mergel. above the Coal measures Castrop,	Westphalia 1869.
532	Mud from W. side	Mer de glace 21/9/69.
533	Red Tufa with Obsidian nodules	near Bagno Secco Lipari,
534	Thin dyke	Side of Somma, M. Canale della arena
535	Dyke Compact with crystals of Augite, small x & of Leucite; occasionally red olivine. small x & Labradorite	M. Somma

No	Rock	Locality
536	Pyrrhotina uel calcare manganese	Massi Riptati or M. Somma
537	Coal formation Eras	St Etienne 10/ Sept.
538	Lenticular form as intruded trap	Melano Eudi Nov. 1864.
539	Dyke No 6. Ectenoi near W. face. Air bubbles in various directions, partly found full of pure Tuffa	M. Somma
540	Dyke (partly altered) with xx of Augite, small crystals of Leucite & of Labradorite	M. Somma
541	Part of a decomposing dyke, vertical, near top of Hills of Calacava	Val del More, 22/10/64
542	Sanidina (large crystals)	Massi Riptati, M. Somma
543	Lava beds	M. Somma from near above Dyke No I.
544	Pebbles from the matrix mass of conglomerate East side of dyke.	M. Somma Dyke No <u>III</u>
545	Part of a large dyke (the 2 nd going N.W.) the interior of a scoriaform cavity	precipice of Trupfblütte with no pebbles 22/10/64

Remount to Mineral Collection.

No	Rock	Locality
546	Dyke full of scales of mica very small crystals of salic acid	M. Somma
547	Fluorite x x (green arrow) Zircon x x (red arrow) In a mass of felspar, nepheline & Presented to Prof. Haughton by Guipardi.	the
548	Dyke No 5, Estimal Crest West face 5 ft above base	M. Somma
549	Pebble embedded in face of quartz & zircon Dyke. principally of	Trifoglietta from the face near crater 2. e. N or N.W. face 22/10/64.
550	Phillipsite x x well embedded basaltic.	Massi regeltati nelle eruzioni antefloriche M. Somma
551	Spinello nero x x in un ammassato di mica fusione amotite etc.	Massi regeltati etc M. Somma
552	Dyke No 18 East face of dyke Famillar in plane of bed Air-bubble long axis chiefly about horizontal	M. Somma

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No	Rock	Locality
553	From the 7 yards dyke, both faces of the dyke & a pebble (many) sticking in a cavity with earthy matter between at one face	Infoghetta precipice 22/10/64.
554	Thomsonite & x & mium ammodaloidic basaltes	Massi ripettati etc M. Somma
555	Chloride of Copper & Sodium?	from East side crater of M. Rosso 13/10/64
556	green Mergel above the Coal (green sand formation?) Contains Chlorite? in small spherules	Castrop, Westphalia 1869.
557	Quartz	Mer de glace 20/9/69
558	Dyke - The marks indicate the cross direction of the dyke	Infoghetta precipice 22/10/64
559	Fer Oliviste	Pumice Dunes, Japan 6/11/64
560	Dyke compact, with crystals of Augite, small crystals of Leucite, red Olivine very small quantity & crystals Labradorite.	M. Somma

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No	Rock	Locality
561	Asphalte	Pyramont 22/9/69
562	Sale ammonians x x	Neuvio 1861
563	Tufa Beds, Red grey in Vast masses	Cone of Vulcano 8/11/64
564	Light grey Tufa beds on W. side	Cone of Vulcano, away down 8/11/64
565	Sand from beach E. side	Isthmus of Vulcamello + Vulcano 8/11/64
566	Volcanic sand S.E. side	Stromboli 3/11/64
567	Sand from beach E. side	Isthmus Vulcamello + Vulcano 8/11/64
568	Volcanic sand Crater	Stromboli ascending W. side 3/11/64
569	Volcanic sand S.E. side	Stromboli 3/11/64
570	Dyke No 14 S.W. face.	M. Somma
571	Dyke No 22 Pebbles imbedded into Eastern face of Middle bed.	M. Somma
572	Cross Dyke No 7, Pyroane dyke B.B. interior of mass	M. Somma
573	Great Dyke No 27 Same material throughout	M. Somma

No	Rock	Locality
574	Dyke with distinct x x of Augite, less so of Leucite, red x x of Olivine (abundant) & Tahachite	M. Sonoma
575	Dyke No 6 A, center of dyke, top side red - vertical line black. flat of specimen in plane of dyke -	M. Sonoma
576	Dyke No 24. Pebbles from Crust S. face of dyke	M. Sonoma
577	Dyke No 6. E. side of Crust SE. side - Leucite Sconci Dyke being pyroxene -	M. Sonoma
578	Cross dyke No 7. Crust from N. side of pyroxene dyke B.B.	M. Sonoma
579	Dyke No 14. Material Center of Bed	M. Sonoma
580	Dyke No 16. Pebbles from dry Infusium conglomerate against W. face - dry dust interior	
581	Dyke No 22. Central material	M. Sonoma 2/11/62.
582	Triple dyke No 11 - Material of Bed A. Westernmost of the 3 - flat external joint face - nearly horizontal	M. Sonoma.

No	Rock	Locality
583	Dyke no 24. from N. face. Material of the whole	M. Lomuma
584	Dyke no 17. Exterior crust of dyke - East face.	M. Lomuma
585	Dyke no 6 A. External crust from S.E. face Lentili. Dyke Pyroemic	M. Lomuma
586	Dyke no 25 - Material of Western exterior face	M. Lomuma
587	Cross dyke no 7. Pyroemic dyke B. B. near exterior air bubbles in plane of dyke. but various in direction of great axis as to horizon.	M. Lomuma
588	Dyke no 25 Central cellular	M. Lomuma
589	Dyke no 20 material ^{part} all through at base.	M. Lomuma
590	Great Dyke no 26, same	M. Lomuma
591	Thin dyke no 10. ^{throughout} showing slaty structures confined by pyroemic	M. Lomuma

No	Rock	Locality
601	Dyke with very distinct xx of Augite, greenish xx of Olivine & small xx of Labradorite	M. Sonoma
602	Dyke No 6. exterior of dyke near E. face, lamellar in plane of dyke, top surface marked red transverse to dyke, & vertical line black	M. Sonoma.
603	Cross dyke No 7. Specimens of pyroxene dyke B.B. & of leucite dyke A.A. at absolute contact. Note the fumaroli rounded face of the pyroxene.	M. Sonoma
604	Dyke No 16. Centre of dyke showing slaty lamellar structure conferred on it by pyroxene. The long way of the specimen is in the plane of dyke i.e. nearly vertical.	M. Sonoma 20/11/64
605	Zoccolora Deep	
606	Dyke No 6 A. Exterior Crest from S.W. face	M. Sonoma 20/11/64

No	Rock	Locality
607	Dyke No 1. E side Estero	M. Sonuma
608	Intended Trap?	Melano Point E. side
609	Dyke No 22 - general material of Centre bed N.	M. Sonuma M. Sonuma
610	Dyke No 14. Exterior of the N. E. face of bed	
611	Dyke full of scales of mica with small $\alpha\alpha$ of Labradorite	M. Sonuma.
612	Homogeneous porous Tufa	near the Favosita, M. Sonuma
613	Dyke No 17. Central material	M. Sonuma
614	Dyke No 5 - ^{Dyke} Pebble from lava Conglomerate matrix in contrast with W. face dyke unaltered + identical with all those of matrix 5 or 6 ft away	M. Sonuma
615	W. Hill of Calanua	22 Oct. '84
616	Dyke no 18. W. side of dyke ^{Exterior}	M. Sonuma -
617	Thin dyke No 10. general material of dyke - slaty & fine columnar structure conferred by pressure	M. Sonuma.

No	Rock	Locality
618	Tufa Conglomerate	Collina di St. Maria in Portici main road St Elmo. Naples.
619	Reddish Tufa in bands with white Tufa, over basalt layer	Half Way between Lentini & Nubia, Sicily 18/10/64
620	Dyke compact with crystals of Anorthite, Augite & red Olivine + small crystals of Labradorite	M. Somma
621	Dyke porous, with xx of Augite + yellow small xx of Olivine -	M. Somma
622	Dyke No 1 Centre	M. Somma
623	S. & top side Lava Ventral Dyke above cliffs	between St Marini & Lingua Sulina 10 Nov '64.
624	Dyke No 22, material of the Western bed M. at interior on West side of bed, large air bubbles	M. Somma
625	Dyke No 25 - Central cellular portion in part near the S. Anorthite?	M. Somma
626	Fallen into Atrium from Summit Altered Anorthite?	M. Somma

No	Rock	Locality
627	From north or bottom side of vertical dyke. Leucitic Lava (detached block) / Shore Cliff between	St Marina + Eugina Laluna 10/11/64
628	Pumiceous Tufa from	Torre di Bascans, M. Lomuna
629	Dyke with xx of Augite small xx of Leucite + of Labradorite	M. Lomuna
630	General material of thin dyke No 12	M. Lomuna
631	Dyke No 6 scoriaceous cinder from E. face with a pebble embedded + another detached from same cinder.	M. Lomuna
632	Triple dyke No 11 material of Bed C. Eastward, black marked side transverse to bed	M. Lomuna
633	Dyke with large crystals of Leucite, Augite, Olivine, Labradorite (small crystals)	M. Lomuna

No	Rock	Locality
634	Dyke No 6 Centre of dyke Slaty structure the long way of specimen in plane of dyke thin trans. also in plane of dyke Pursane.	M. Somma
635	Atrina del Canallo	
636	Limestone, showing mode of formation of the angular fragments marbles	Near Cape Sculetto 27/10/64.
637		St Angelo, Lipari nov. 64
638	Limestone	Near Cape Sculetto, Sicily
639	Pitchstone forming Obsidian Lava stream N. of Crater	Vulcano 8/11/64. 27/10/64
640	Siliceous crusts result of decomposition of Obsidian	Esido St Cartagna Lipari 11/11/64
641	Tufa, hard (for crushing)	Collina di St Maria in Portici, Naples.
642	Dyke with large crystals of Lencite, crystals of augite, Olivine & very small of Labradorite	M. Somma

No	Rock	Locality
643	Lower beds, landing place	Basiluno. 4/11/64
644	Pitchstone, Lava N. of crater	Vulcano. 8/11/64
645		Mole, Balano
646	Tufa	near Lardo.
647	Pitchstone, grey-green, Lava stream N. of crater	Vulcano 8/11/64.
648	Dyke No 18 - Centre of Bed marked face horizontal & transverse to bed (Air bubbles)	M. Somma
649	Schist, Black Permian from great beds of fragment note - rather smelling Hotwells not far off.	near Aemati
650	Tufa East side	Panania 5/11/64
651	Dyke with distinct 22 of Lencite & Augite, and olivine, & Labradorite.	M. Somma.
652	Dark Tufa beds	Cone of Vulcano near summit W. side 8/11/64.
653	Panania Tufa	Ascent to Castello 5/11/64.
654	Panania Tufa	Ascent to Castello above white felspathic lava 5/11/64.

No	Rock	Locality
655	Red Tufa Beds, enormous masses, N.W. external flank Cone of Crater	Vulcano 8/11/64.
656	Ischia from water comes of Illustrative formation of Oolitic rocks!	Monte Troppiti
657	Ischia, crust on top of Il Scoglio - Lacco, Harbour.	
658	Highly compact lava, from a thin dyke, part of a fallen block - Lysite grey stone?	Hills of Infaghetta 22/10/64.
659	Dyke No 3. similar to mass of dyke.	M. Somma
660	Dyke No 2 from small lava bed 6 feet above base	M. Somma.
661	N. side of vertical dyke (Trachytic dyke) in cliffs between St Maria & Lingua	Salva 10/11/64.
662	Dyke No 4. substance of dyke alkali	M. Somma.
663	Dyke No 5. Interior mass of dyke, near E. side, Red spot on plane transverse to dyke & vertical line in plane marked black	M. Somma.

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No	Rock	Locality
664	Dyke No 5	M. Lomina
665	At Hill of	Calanna 22/10/64.
666	Schist from watercourse N.E. flank of	Gomea
667	Lava stream at the brow of	Val de Calanna
668	Lava beds above craters Stromboli to the E.	3/11/64
669	Dyke No 1 W. side Estuor	M. Lomina.
670	Pink Lupa	Lipari, ascending to St. Angelo
671	Dyke with distinct xx of Sericite, less so of angle, red olivine frequent and xx of Labradorite.	M. Lomina 1/11/64
672	Dyke No 6, from centre of dyke part of walls of a great air bubble diagonal to plane of dyke.	M. Lomina
673	From the great dyke 8 yards farther from craters 2. e. S. or S.E. face	Trifoglietta precipice 22/10/64.
674	Natural Sulphur, fumes at bottom craters of (used for sulphur making)	Vulcano - 8/11/64.

No	Rock	Locality
675	Dyke porous, with crystals of Augite, yellow small crystals of Olivine	M. Somma
676	Calcare magnesian compact	Massi rigati M. Somma.
677	Purpure (as called Bishuite) with calcare magnesian saccharine	Massi rigati M. Somma.
678	From South side of the vertical dyke Lentic Lava -	Between St. Maria & Luggia Salina 10/11/64.
679	Panarea Tufa ascending	to Castello 5/11/64.
680	Dyke No 3 - Pebble imbedded on East face.	M. Somma.
681	Dyke No 19 Centre, material all thro' mass.	M. Somma.
682	Imbedded pebbles from the bottom i.e. S. side of vertical dyke of Lentic Lava. Shore cliffs	Between St. Maria & Luggia - Salina 10/11/64.
683	Tufa under Tertiary from near Prolo & Magnini	Sicily 11/10/64.
684	Boracic Acid Crater of Vulcano	12/11/64.

No	Rock	Locality
592	Dyke No 19, Crusts from E. face of dyke	M. Somma
593	Dyke No 24. Part of Scoriae crusts from S. face of dyke	M. Somma
594	Dyke No 24. Material of Scoriae crust S. side -	M. Somma
595	Dyke No 25 - Material of Eastern face external	M. Somma
596	Dyke No 24. Embedded pebble from crusts of S. face of dyke	M. Somma
597	Dyke No 17 from exterior on Western face	M. Somma
598	Dyke No 22 - Pebble embedded into East face of Middle bed N.	M. Somma
599	Tufa over basalt & under Tertiaris between Lentin & Muro, Sicily -	18/10/64.
600	Dyke with large crystals of Anorthite, XX of Augite, Olivine & very small XX of Labradorite -	M. Somma