

# APPENDIX O

## SPECIMENS OF ROCK AND SAND EXAMINED AND DESCRIBED

BY

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WITH A NOTE ON SPECIMENS OF SHELLS

BY

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THE Collection entrusted to us for examination by Sir Aurel Stein consists of samples of sand and fragments of rock, together with a few molluscan shells and minerals.

A list of the localities from which this material was obtained is given at the end of the Appendix (p. 1079): a number corresponding to each of the specimens described is placed before its appropriate locality, the rocks being distinguished by the numbers from 1 to 70 and the sands from 100 to 146. Shells are indicated by the letter S and minerals by M.

A classification of the rocks and minerals with their distinctive numbers is as follows:

### ROCKS.

#### *Igneous.*

Granite, 11, 14, 18, 23. Pegmatite, 29 a, 42 a.  
Aplite, 9. 1, 30.  
Adamellite, 26, 50, 51, 60. Monzonite, 37.  
Granophyre, 11, 22, 39, 41, 59.  
Vogesite, 8.  
Rhyolite, 16, 45, 47, 65-67. Jasperized felsite, 42.  
Andesite, 1, 13. Dolerite, 36, 55.

#### *Metamorphic.*

Mica Schists, 9, 10, 17, 25, 34, 35.  
Hornblende Schists, 15, 20, 68. Amphibolite, 7, 33.  
Epidosite, 28. Schistose volcanic agglomerate, 48.

#### *Sedimentary.*

Quartz Grit, 6, 24, 30, 32, 57, 62-64. Adinole (?), 56.  
Calcareous Grit, 61.  
Limestone, 2-4, 27, 43, 49, 52, 53, 58.  
Dolomite, 29. Coal, 21.

### MINERALS.

Quartz, 9 a, 10 a, 11 a, 14 a, 24 a, 45 a, 63. Rock-salt, 2 a, 12 a.  
Galena, 60 a. Malachite, 44. Orpiment, 43. Gypsum, 6, 7 a, 58, 59.