THE SILURIAN REGION

AND ADJACENT COUNTIES OF

ENGLAND & WALES

GEOLOGICALLY ILLUSTRATED

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FROM THE ORDNANCE SURVEY COLOURED IN THE FIELD during the Years 1831—8

ENGLAND AND WALES Coloured according to GEOLOGICAL SYSTEMS

SYSTEMS.

Recent.
Tertiary.
Chalk.
New Red.
Carboniferous.
Old Red.
Silurian.
Cambrian.
Primary Rocks.

SILURIAN ROCKS

Scale of English Miles

TABLE OF COLOURS OF THE SEDIMENTARY DEPOSITS.

SUBDIVISIONS

OOLITIC SYSTEM
- Purbeck Beds
- Portland Stone
- Kimmeridge Clay
- Coral Rag
- Oxford Clay
- Cornbrash
- Forest Marble
- Bradford Clay
- Great Oolite
- Fullers Earth
- Inferior Oolite

NEW RED SYSTEM
- Upper Red Marl
- Lower Red Marl
- Lower Red Sandstone
- Calcareous Conglomerate
- Upper Red Sandstone

CARBONIFEROUS SYSTEM
- Upper Coal & Ironstone
- Lower Coal measures
- Millstone Grit
- Carboniferous Limestone

OLD RED SYSTEM
- Old Red Conglomerate
- Cornstone & Marls of Old Red
- Flagstone of Old Red

SILURIAN SYSTEM
- Upper Ludlow Rock
- Aymestry or Ludlow Limestone
- Lower Ludlow Rock
- Wenlock Limestone
- Wenlock Shale
- Upper Caradoc with Lower Caradoc Sandstone
- Caradoc Sandstone
- Llandeilo Flags & Limestone
- Llandeilo Flags
- Upper Cambrian Beds of passage
- Slaty Cambrian Rocks

CAMBRIAN SYSTEM

N.B. When the Silurian System cannot be accurately divided into Groups, the word Wenlock Limestone being adjacent to the

Explanations of Signs

- Copper Ores
- Lead Mines
- Iron Mines
- Mineral Springs
- Dip of Strata
- Centre Axis
- Lines of Section as
- Inclined Lines
- Faults
- Strike or Direction of Lines

ROCKS of IGNEOUS ORIGIN

- Upper Old Red Sandstone
- Lower Old Red Sandstone
- Upper Ludlow Rock and Old Red Sandstone
- Silurian Rocks
- Carboniferous Rocks
- Trap Rocks of the Wenlock & Old Red Sandstone
- Trap Rocks of the Old Red Sandstone
- Trap Rocks of the Coal Measures
- Trap Rocks of the New Red Sandstone
- Trap Rocks of the Lias
- Trap Rocks of the Oolites
- Upper Red Crystalline Granite

St Brides Bay

Carmarthen Bay

IDEAL SECTION—SUBMARINE RELATIONS of VOLCANIC ROCKS to SEDIMENTARY DEPOSITS

ORDER of the SEDIMENTARY DEPOSITS Explanatory of the Colours on the MAP.

CAMBRIAN SYSTEM | SILURIA | SILURIAN SYSTEM | OLD RED SYSTEM | CARBONIFEROUS SYSTEM | NEW RED SYSTEM | OOLITIC SYSTEM