

## III.—STALACTITES.

At the forty fathom level, in the mine called "*Little Bounds*," at Cape Cornwall, a drift has been carried a considerable distance under the sea; the agent, Mr. Chenalls, observed in this spot that there was a continual formation of *stalactites*. Dr. John Davy and Mr. Majendie, in consequence of this report, visited the spot; it had been closed for two years previously, and before it was shut up Mr. Chenalls had carefully removed all the *stalactites* which then existed. Upon examination, it was observed that a considerable formation of fresh *stalactites* had taken place during the interval just stated; some were eighteen inches in length, and about one inch in diameter. The *stalagmites* directly underneath them are of much larger dimensions; both have the same yellowish brown colour, and consist of *oxide of iron*. Dr. Paris has suggested that they are the result of decomposed pyrites, which form in the first place a *sulphate of iron*, that gradually loses its solubility by peroxidation, and is deposited in the form and manner which is here discovered.

A. MAJENDIE.

IV.—GREGORITE (*Menacchanite*) DISCOVERED AT LANARTH.

Some sand was lately sent to me by Colonel Sandys, from his estate at Lanarth, in the