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| 8. Clay striped with brown and red, and containing a few shells of the above species .....   | 6                  |
| 9. Rolled flints mixed with a little sand, occasionally containing shells like those of Bromley; e. g. ostrea, cerithium and cytherea, disseminated in irregular patches ..... | 12                 |
| 10. Alluvium.  | —                  |
|  | Total thickness 81 |

No. 1 and 2 are not laid open in the great sand pits, but are seen in a chalk pit adjoining to the eastern extremity of the sand pit.

The Woolwich shell beds may be again seen on the west of Blackheath at the lock of the canal about a mile above New Cross towards Croydon, in the plain that lies under the east side of the Sydenham hills. At this lock have been observed *ancilla buccinoides*, *cerithium denticulatum*, *cyclas deperdita*, a small *buccinum*, and a small *nerite*. (*G. T.* vol. iv. p. 292.) The same shells (C.) are found in the wells between Camberwell and Deptford.

It is mentioned by Woodward that the Woolwich shells are found at Camberwell and Beckenham, on the north-west and south-east sides of the Sydenham hills. They also occur at the following places in the same line; namely, Redriffe tunnel, Lewisham, Blackheath, Woolwich, Beckenham, Chislehurst, Bexley, Cockleshell Bank, two miles south of South Fleet, Windmill hill near Gravesend, and Higham on the Thames and Medway canal. They are also found at Rungehill near Epsom, and at Headley between Epsom and Dorking. (*G. T.* vol. iv. p. 293.) All these localities (C.) are precisely indicated by figures in the map accompanying the memoir on this formation in the volume referred to. Further in Kent, near Faversham, the ash-coloured sand of this formation, though usually destitute of fossils, contains silicified *arcæ*, *glycemeræ* and *naticæ caurenæ*.

### 3. *Loam Pit hill.* (*G. T.* vol. iv. pl. 13. No. 2.)

The following Section at Loam Pit hill, near Lewisham, about three miles south-west of Woolwich, presents analogies that identify many strata in that and the preceding section, as from the chalk upwards to No. 8, in each inclusively; the principal difference consists in the presence of fewer or no pebbles, in beds of sand evidently contemporaneous. The beds presented by the following sections cannot all be observed at one place, but may be traced along the sloping surface of the hill, at three successive apertures near each other, in