

UNPUBLISHED REPORT 1964/20

Description of a specimen from Beaconsfield

by G. B. Everard

The following description is of rock collected by Senior Geologist, A.J. Noldart.

64 – 355 Beaconsfield

The hand specimen is a fine grained black material containing pyrite and effervescing with acid.

In thin section the specimen consists mainly of fine grained redeposited carbonate. Depositional banding is marked by varying amounts of very fine grained carbonaceous material occurring in the bands. Minute angular carbonated rock fragments may be identified in the same way. Quartz is fairly common in minute angular grains. There are also some fragments of quartzite. Shaly fragments have been replaced by carbonate except for their quartz and carbonaceous material. Pyrite is common and occurs as single crystals and small veins and aggregates. It originated as sedimentary pyrite in shale.

The rock is a redeposited limestone.

[4 September 1964]