

UNPUBLISHED REPORT 1965/02

Birthday Bay iron deposit

by T. D. Hughes

On January 14th, I visited this locality in company with Mr. R. Whitehead of the B.H.P. Co.

The deposit is located on a southern tributary of Big Creek about 1½ miles east of the mouth of the latter at Birthday Bay. A landing was made by helicopter about ¼ mile from the deposit.

Boldly outcropping on either bank of the creek are cliffs of hematite from 50 to 100 feet in width. The grade appears to be high and Mr Whitehead has taken chip samples for assay.

The hematite can be followed in outcrop for several hundred feet. The deposit is the subject of a report by L.E.E. in 1960 and deals with geological, geophysical and geochemical surveys.

Vegetation is very thick in this locality and considerable track cutting is necessary.

This deposit can either be regarded as a source of iron ore or, a more remote possibility, the capping of a sulphide lode.

The B.H.P. Co. may carry out further work on this deposit. If not then this Department should investigate the deposit, first by geological mapping followed by a drilling programme.

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