

COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS

RECORDS:

1943/29

Notes on the
REPORT ON TRUNKEY TALC DEPOSITS.

by

N.H. FISHER.

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Spent
N.H.F.

Mineral Resources Survey
Department of Supply and Shipping

NOTES ON THE TRUNKY TALC DEPOSITS

(Report No. 1943/29)

Situation: The Trunkly talc deposits are situated in Portion 103, Parish of Groveland, County of Georgiana, approximately 7 miles east of Trunkly, 11 miles south-southwest of Rockley, and 17 miles from Trunkly by road. The Trunkly - Rockley road is followed for 10 miles, and the remainder is a reasonably good bush road (with 11 gates). The nearest railway is at George's Plains, 28 miles from the deposits.

Geology: The country rock near the talc bodies is schisted sandstone, striking from 0 to 20 degrees west of north and either vertical or dipping steeply to the east. Other rock types observed include slate, ferruginous and micaceous sandstone and talcose schist. Granite outcrops to the north-east and a small intrusion of a fine-grained intermediate igneous rock was found a few hundred feet east-southeast of the talc lodes.

Description of the Deposits: The distribution and size of the lodes is shown on the accompanying plan on a scale of 20 feet to an inch. They strike 75-30°E, at right angles to the country rock, dip steeply south, and average from 12 to 18 inches in width. The more northerly lode is exposed by a shallow cut for a length of 30 feet, and the southerly system for a total of 45 feet. Rock exposure is reasonably good but no obvious extensions of the lodes along the strike can be seen. The talc is highly foliated, micaceous in appearance and pale green in colour. Solutions penetrating between the foliae have imparted a reddish iron staining to the near-surface material and it is not known to what depth this staining, which is not very severe except near breaks and fissures, extends. The lodes are composed almost exclusively of talc with very little gangue or other impurity. The talc has been found not to be amenable to grinding, as, on account of its foliated character, it tends to stick to the grinding surface. To produce a first grade white product, some method of removing the iron staining would have to be devised.

South of the lodes across a gully talcose schist was observed, and a massive talcose rock with talc in the form of "books".

Tonnage: From the surface dimensions - total length 75 feet, average width 15 inches - approximately 6 tons of talc should be obtained per foot of depth, assuming that 15 cubic feet weigh one ton.

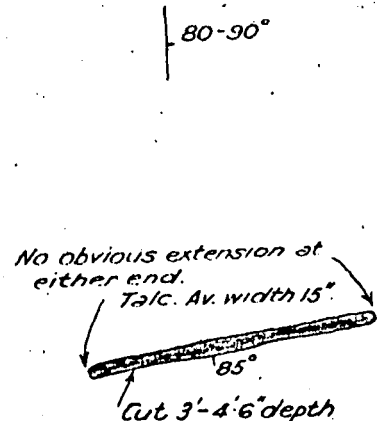
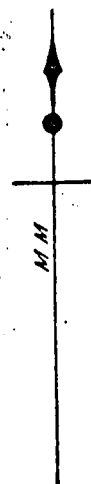
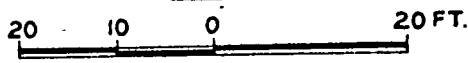
A gully runs west just south of the lodes and the surface slopes fairly steeply down to the bed of the gully, but on account of the limited size of the deposits it would not be advisable to attempt exploitation by adits. Lodes so limited in length cannot reasonably be assumed to persist indefinitely in depth and would be best followed down from the surface.

N.H.F.
(N. H. Fisher)
CHIEF GEOLOGIST.

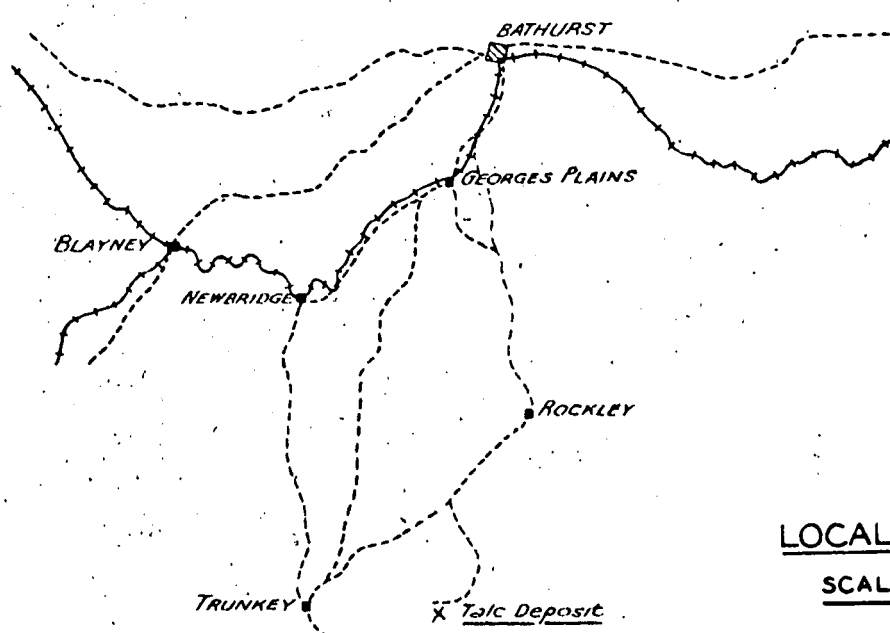
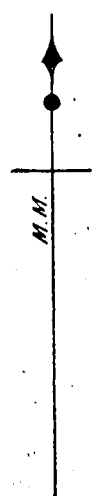
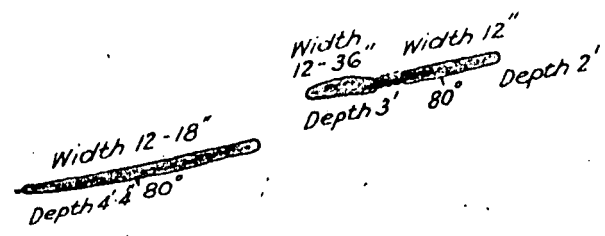
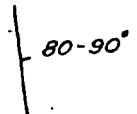
15th July, 1943.

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SKETCH MAP
 TRUNKEY TALC DEPOSIT
 PORTION 103 PARISH GROVELAND
 COUNTY GEORGIANA
 N.S.W.



Schisted Sandstone



LOCALITY PLAN
 SCALE 1"=10 MILES

M.H. Hale
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 Mineral Resources Survey Branch
 July 1943.