The Geology and Structure of the Zeehan Region
West Tasmania

by

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Part 2 Illustrations.
Plate 1. Misery Hill from north-west.
Plate 2. Moina Sandstone — south of Duck Creek.
Plate 3. Plunging Anticline in Oonah Quartzite and Slate — Dundas.
Plates 4 & 5. Minor Plunging Folds in Florence Quartzite — Duck Creek.
Plate 8. Pre-Permian Surface at 3000 ft. – Mt. Dundas.
Plates 10 & 11. Henty Surface south-west of Professor Range.
GENERALIZED STRATIGRAPHICAL COLUMN  
ZEEHAN QUADRANGLE

CAINozoic

PERMIan

DEVONIaN

SILURIAN

ORDOVIcIAN

CaMBRIAN

MIDDLE

LOWER

PROTEROZOIC

Locally mineralized.

TABBERABBERAN OROGENY
Folding followed by granite intrusion and mineralization.

? LOCAL DISCONFORMITY ?
Locally mineralized

? TYENNAN UNCONFORMITY
Duck Ck., Healy Ck.

Stratigraphical level of chief mineralization Zeehan, Dundas, Renison Bell and ?? Rosebery.

? UNCONFORMITY OR METAMORPHIC BOUNDARY ?

LEGEND

(\textbf{MAXIMUM THICKNESS SHOWN})

\begin{itemize}
\item \textbf{RUDACEOUS FORMATIONS.}
\item \textbf{ARENACEOUS FORMATIONS.}
\item \textbf{MUDSTONE, SHALE.}
\item \textbf{SCHIST.}
\item \textbf{LIMESTONE.}
\item \textbf{DOLOMITE & DOLOMITIC MUDSTONE.}
\item \textbf{ULTRABASIC INTRUSIONS.}
\item \textbf{LAVAS.}
\end{itemize}

\textbf{FIG. 2.}
FAULT INFERRED.

VERTICAL BEDS.

STRIKE & DIP OF CLEAVAGE

VERTICAL SHEARING.

LEGEND

- ALLUVIUM
- OLDER ALLUVIUM, MARSH DEPOSITS ETC.
- MORaine.

- CROTTY QUARTZITE.

- GORDON LIMESTONE.
- AT ZEEHAN CONGLOMERATE.

- SHALE & Siltstone.
- GREYWACKE & SANDSTONE.

- CONGLOMERATE.
- Tuff.
- SERPENTINITE.
- CRIMSON CREEK FORMATION

- FAULT POSITION APPROX.
- FAULT INFERRED.

- STRIKE & DIP OF BEDS.
- VERTICAL BEDS.

- VERTICAL SHEARING.
- STRIKE & DIP OF CLEAVAGE

FOSSIL LOCALITIES:

B = BRACHIOPODS
D = DENDROIDS
G = GLYPTAGNOSTUS RETICULATUS
S = SPONGE SPICULES.
L = LINGULID.

NUMBERS REFER TO FORMATIONS OF TAYLOR (1954).

A. H. BLISSETT.
SEN. GEOLOGIST 1962
WITH ACKNOWLEDGMENTS TO B.L. TAYLOR & D. BURGER

FIG. 4

DUNDAS GROUP - HUSKISSON RIVER

DEPT. OF MINES. 1965 - 50
GEOLOGICAL SECTIONS - ZEEHAN QUADRANGLE

ROAD TO GRANVILLE HARBOUR

TASMAN RIVER

EUROKA PLAINS

PIEMAN RIVER

NORTH RIDGE FAULT

SHELL Ck.

FIN Ck.

LITTLE HENTY FAULT

WILEANS Ck.

Mt. ZEETHAN

LITTLE HENTY RIVER

MISERY HILL

DONAH HILL

DESPATCH FAULT

BREATHFIELD FAULT

LITTLE HENTY RIVER

ROAD TO QUEENSTOWN

DUNDAS RYKT.

ADELAIDE Ck.

Mt. DUNDOAS

W.

S.

E.

N.

MT. ZEEHAN

SHELL Ck.

FIREWOOD SIDING FAULT

LITTLE HENTY FAULT

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