





1:6,000

SHEET 26  
TYNDALL

GEOLOGY  
OUTCROP

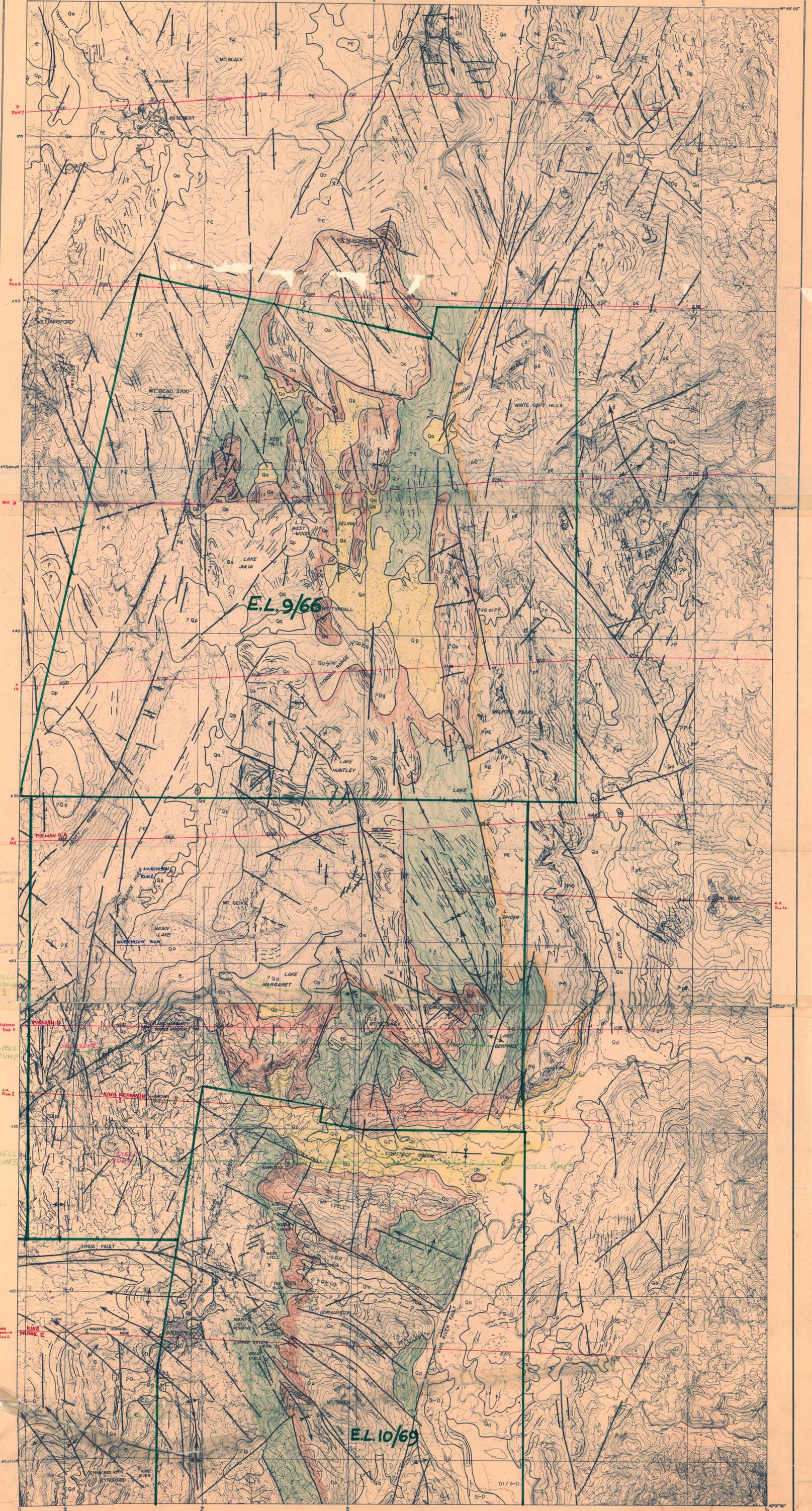
034917

THE MOUNT LYELL M. & R. COY. LTD  
GEOLOGICAL DEPARTMENT  
**HENTY - YOLANDE AREA**  
E.L. E.L. 41/71  
SHEET 26

DRAWN.	
TRACED.	
CHECKED.	
DATE.	
SCALE.	1" = 500'

26/101

# MURCHISON A



E.L. 9/66

E.L. 10/69

034917

The Mt LYELL MINING & RAILWAY Co. Ltd  
and NEW CONSOLIDATED GOLDFIELDS (A'sia) Pty. Ltd.

QUEENSTOWN-ROSEBERY AREA  
(Including Mt Tyndall Lease)  
TASMANIA

PHOTOLOGICAL INTERPRETATION  
(Including published and unpublished mapping  
of portions of the area)

Photogeological Interpretation R.B. Wilson  
Plotting and Drafting D.R. Owen  
GEOSURVEYS OF AUSTRALIA Pty. Ltd. JUNE-AUGUST 1968

### LEGEND

Qa	Quaternary, alluvium, etc.
Qp	Moraine, glacial deposits
Ql	Talus, scree, etc.
Jd	Dolerite, flat-lying coverings
P	Undifferentiated, probably glacial sediments
S-D	Undifferentiated Silurian Devonian sediments, includes resistant quartzite and the blue schists. Florence etc. etc. members and reactive Lower Silurian (see D. & C. etc. members)
S	Undifferentiated Silurian sediments, as above for S-D, but excluding quartzite

Og	GORDON LIMESTONE poorly outcropping, fossiliferous
Om	MORAN SANDSTONE foggy beds carrying Mt Lyell Conglomerate of certain areas
Oz	MT LYELL CONGLOMERATE prominent, fossiliferous member, unconformably overlying Cambrian
Oo	OPEN CONGLOMERATE, pre-mountain range-forming member of West Coast No. 1, includes cross-conglomerates and large scale current bedding
Op	UNDIFFERENTIATED
e	INDIFFERENTIATED includes with both schists etc. mostly indistinguishable by photogram with very heavy texturing. General bedding or foliation trends, some areas with flat bedding, some with steeply dipping beds, particularly west of Queenstown
pc	BOOTS OF DOUBTLY AGE (Success Creek Fault) (partly south-west B. north-west of Mt Lyell)
pc	UNDIFFERENTIATED probably mostly red sandstone with some massive? Soudanite beds?

Dg	Granite, feldspathic granites, intruding pre-Cambrian sediments in north-east corner of project area
g	Dolerite, more or less concordant, various localities, Cambrian? (most of later age)
es	Shear zone, ultrabasic, intrusives of Cambrian age
fp	Dolerite, smaller plug-like bodies intruding into Cambrian, may be of later age than "concordant" dolerite?

—	Photogeological Boundary
- - -	Photogeological Boundary, uncertain or inferred
—	Trend of Bedding and/or Foliation, observed or inferred
—	Photogeological lineaments, & linear features, observed or inferred, these may reflect major and minor faults, joint or fracture patterns, etc.
—	Faults, mostly inferred from previous mapping
—	Anticline axis, with direction of plunge
—	Syncline axis, with direction of plunge
—	Mine
—	Photocorridor, Run and Number

