Fig. 3. Principal structural elements in the Queenstown area.
FIG. 4 DISTRIBUTION OF COPPER OCCURRENCES IN QUEENSTOWN AREA
FIG 5
LONGITUDINAL SECTION ALONG 800E. LOOKING EAST

- NORTH LYELL CRUSH ZONE
- WHALEBACK FAULT
- PIONEER FAULTS.
- KING. LYELL CRUSH ZONE
- RAZORBACK FAULT.
- GORMANSTON FAULT.
- MOUNT LYELL MINE.
- SCHIST.
- JUKES CONGLOMERATE & DUNDAS GROUP
FIG. 6
GEOLOGY OF THE LYELL DISTRICT

Fig. 6

Upper Owen Middle Owen Lower Owen Dundas Group

Gordon Limestone Faults Bedding Cleavage Workings
FIG. 9
VERTICAL SUCCESSION IN OWEN CONGLOMERATE
IN THE LYELL AREA
GENERALISED PLAN OF LYELL OREBODIES.

FIG. 10

-LEGEND-
1. LYELL COMSTOCK.
2. CROWN LYELL.
3. NORTH LYELL.
4. LYELL THARSIS.
5. ROYAL THARSIS.
6. WEST LYELL No.2
7. LYELL BLOCKS.
8. LYELL CONSOLS.
9. WEST LYELL No.1.
10. PRINCE LYELL.
11. RAZORBACK.
12. KING LYELL.
13. MOUNT LYELL MINE (THE BLOW).
14. SOUTH LYELL.

COPPER OREBODIES
PYRITIC OREBODIES
GEOPHYSICAL ANOMALIES
OWEN CONGLOMERATE
LYELL OREBODIES.

TO HOBSRT.

OWEN CONGLOMERATE

TO QUEENSTOWN

2000 m

Fig. 10
FIG. 12
E-W SECTION THROUGH WEST LYELL ALONG 3600 S.
PROBABLE EXPLANATION OF SCHIST-CONglomerate CONTACT AT LYELL

FIG. 13
FIG. 14

PLAN OF WEST LYELL OREBODIES AT R.L. 1460

SCALE 1" = 400'
FIG. 15
WEST LYELL OREBODIES, CROSS SECTION N 30 E
SCALE 1" = 400'
FIG. 16
WEST LYELL OREBODIES, LONGITUDINAL PROJECTION ALONG 1200W AND LOOKING EAST
SCALE 1"=400'
FIG. 17
COMSTOCK OREBODIES, CROSS SECTION
SCALE 1" = 400'
NE

West Lyell No. 1
Central
Prince Lyell

Open Cut 1957
Final Bitter

WEST LYELL - CROSS SECTION
SHOWING MULTIPLE FOCI FOR ORE DEPOSITION

FIG. 18

SCALE 1" = 200'
June 1957