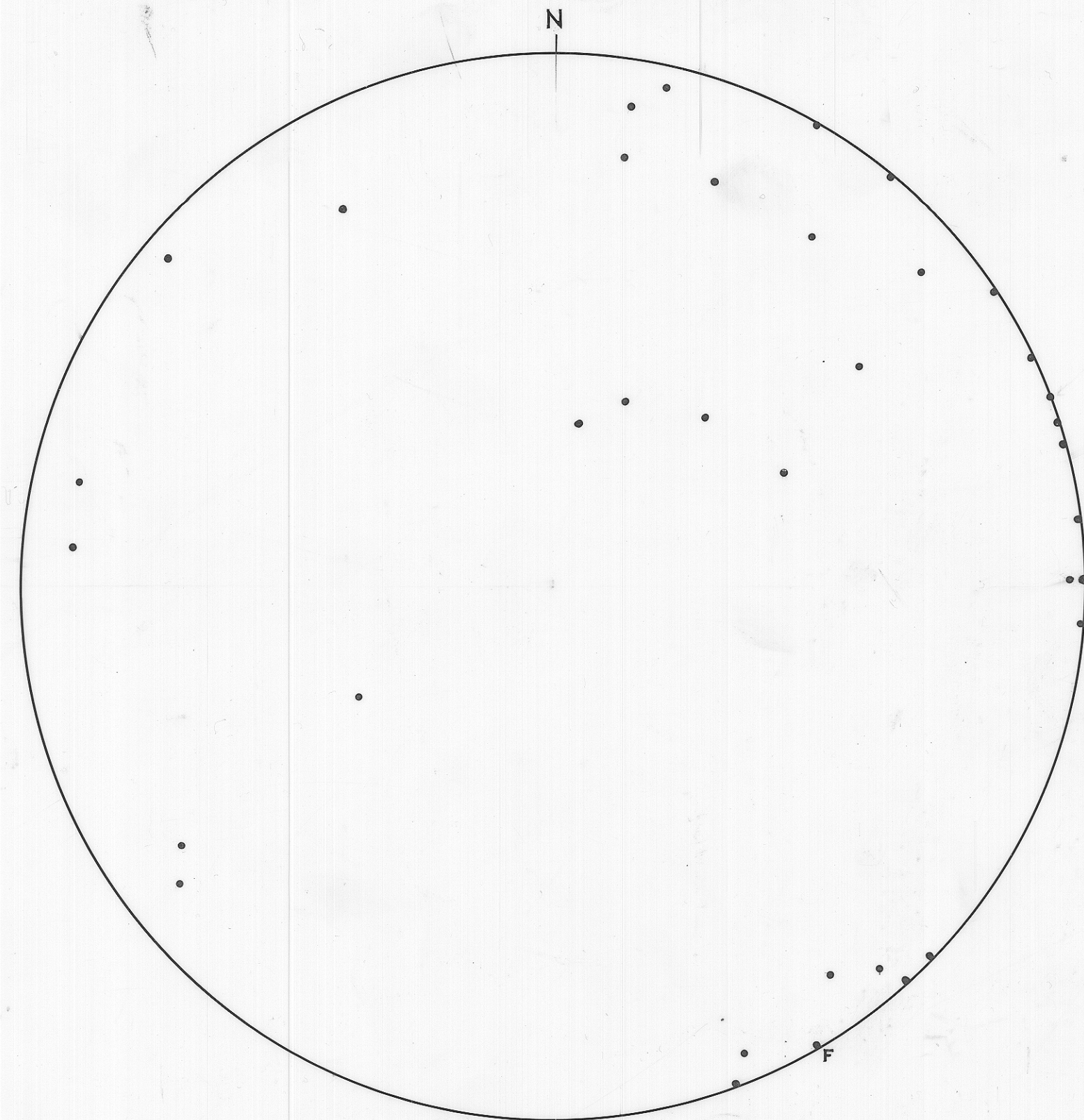


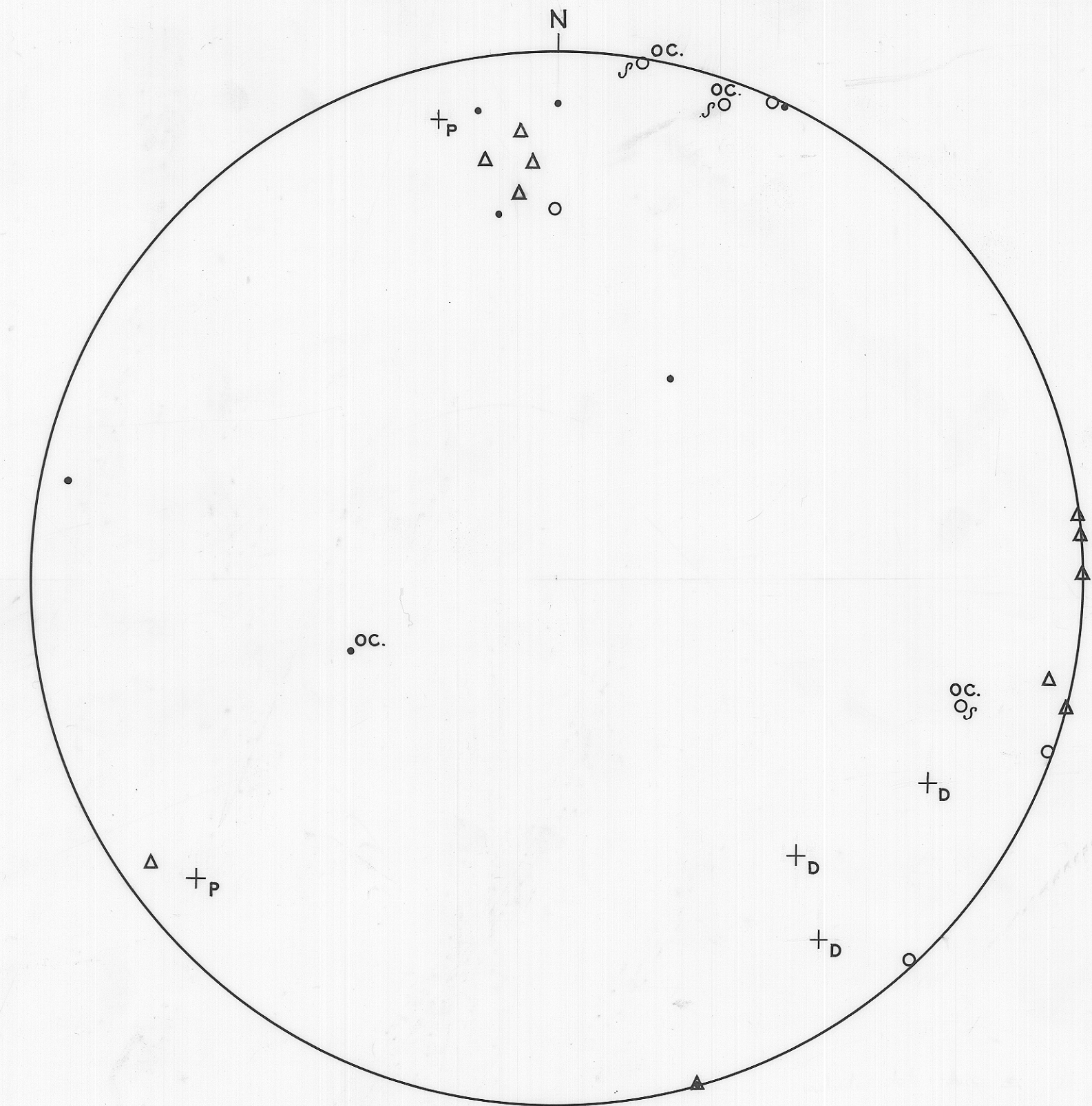
+ = Unmineralized joint, ⊕ = "Healed" joint, cassiterite (C₁) bearing.
 ⊕ = Fracture joint, cassiterite (C₂) bearing. F = Fluorite-filled joint.

FIG. 5 JOINT POLES IN OPEN CUT



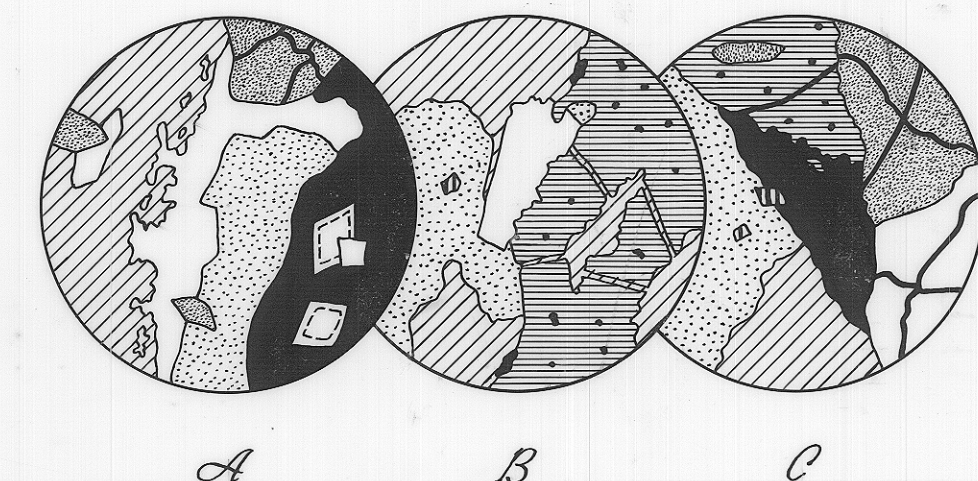
F = Fluorite-filled joints

FIG. 3 JOINT POLES IN GRANITE (MINE AREA)



In granite or altered granite. { • Shear
 Δ Greisen leader or vein.
 ○ Aplite vein or dyke, quartz vein, sulphide vein (S)
 D+ Joint in dolerite +P Joint in Permian rock. oc. Open cut

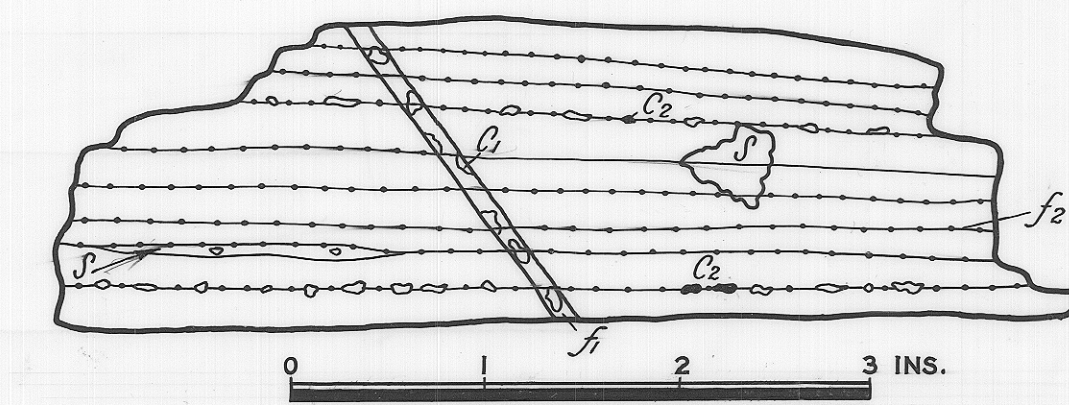
FIG. 4 POLES OF STRUCTURES IN OPEN CUT & MINE AREA



A. Arsenopyrite - pyrite - chalcopyrite - galena assemblage.
 B. Cassiterite - pyrite - sphalerite - chalcopyrite - galena assemblage.
 C. Cassiterite - arsenopyrite - pyrite - sphalerite - chalcopyrite - galena assemblage.

FIG. 8 DIAGRAMMATIC REPRESENTATION OF SULPHIDE AND CASSITERITE RELATIONSHIPS

- Sanguite
- Arsenopyrite
- Pyrite
- ▨ Sphalerite
- Chalcopyrite
- ▨ Galena
- ▨ Cassiterite



C₁ & C₂ = Cassiterite of 1st & 2nd generations. S = Sulphide
 Cassiterite disseminated in irregular clusters and as "dusty" grains "•" along f₂ fracture planes. Sulphide (S) formed along f₂ fractures but also cut by them. C₁ = ○ C₂ = •

FIG. 7 INTERSECTING QUARTZ-CASSITERITE (C₁) HEALED FRACTURES (f₁) & CLOSELY SPACED SULPHIDE & CASSITERITE-BEARING FRACTURES (f₂)

DEPARTMENT OF MINES — TASMANIA	
DIAGRAMS	
REX HILL TIN MINE REPORT	
DATE	AUGUST 1966
GEOLOGIST	G. URQUHART
DRAUGHTSMAN	P. NANKIVELL
REVISIONS	
MAP SHEET & N°	BEN LOMOND 48
FILE N°	2931

2931

166

5 cm

← "4 of road" →

← "4 of road" →

2 separate blocks