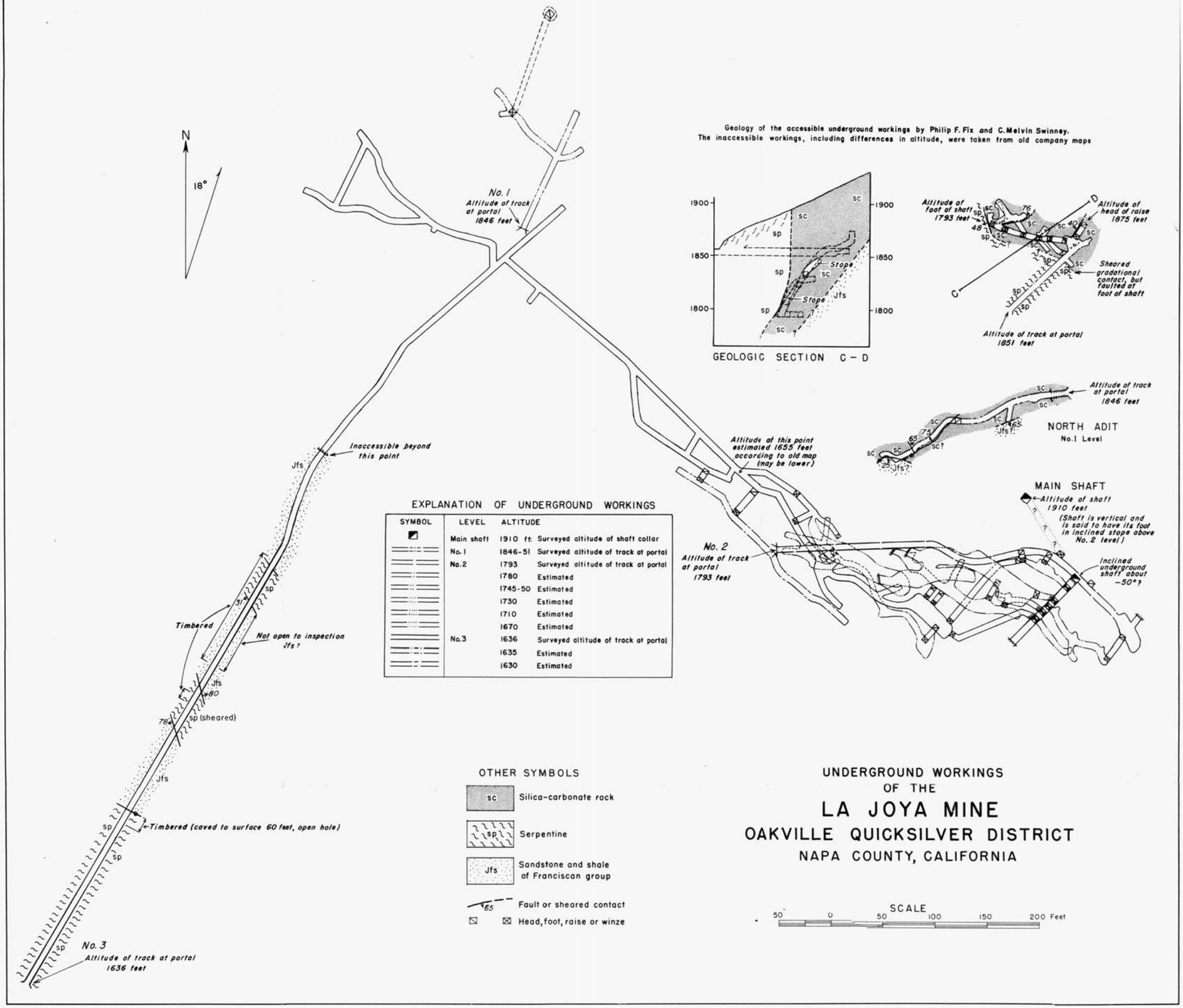
Geology of the accessible underground workings by Philip F. Fix and C. Melvin Swinney.
The inaccessible workings, including differences in altitude, were taken from old company maps
N
18°
No. 1
Altitude of track at portal 1846 feet
Inaccessible beyond this point
Jfs
Timbered
Not open to inspection Jfs?
Jfs
80
78
sp (sheared)
Jfs
sp
sp
Timbered (caved to surface 60 feet, open hole)
sp
No. 3
Altitude of track at portal 1636 feet
Altitude at this point estimated 1655 feet according to old map (may be lower)
No. 2
Altitude of track at portal 1793 feet
1900
1850
1800
sc
sp
Stope
Jfs
GEOLOGIC SECTION C – D
Altitude of foot of shaft 1793 feet
Altitude of head of raise 1875 feet
Sheared gradational contact, but faulted at foot of shaft
Altitude of track at portal 1851 feet
C
D
76
48
40
Altitude of track at portal 1846 feet
NORTH ADIT
No. 1 Level
65
75
25
Jfs?
MAIN SHAFT
Altitude of shaft 1910 feet
(Shaft is vertical and is said to have its foot in inclined stope above No. 2 level)
Inclined underground shaft about -50°?
EXPLANATION OF UNDERGROUND WORKINGS
SYMBOL
LEVEL
ALTITUDE
Main shaft 1910 ft. Surveyed altitude of shaft collar
No. 1 1846-51 Surveyed altitude of track at portal
No. 2 1793 Surveyed altitude of track at portal
1780 Estimated
1745-50 Estimated
1730 Estimated
1710 Estimated
1670 Estimated
No. 3 1636 Surveyed altitude of track at portal
1635 Estimated
1630 Estimated
OTHER SYMBOLS
sc Silica-carbonate rock
sp Serpentine
Jfs Sandstone and shale of Franciscan group
65 Fault or sheared contact
Head, foot, raise or winze
UNDERGROUND WORKINGS
OF THE
LA JOYA MINE
OAKVILLE QUICKSILVER DISTRICT
NAPA COUNTY, CALIFORNIA
SCALE
50 0 50 100 150 200 Feet